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CONSTRUCTION REVIEW

1959 EXPENDITURES
for
MAINTENANCE AND REPAIRS

1959 PRODUCTION
of
STEEL HEATING BOILERS

- *Expenditures*
- *Starts*
- *Materials*
- *Awards*
- *Permits*
- *Costs*
- *Employment*

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CONSTRUCTION REVIEW

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(The above series include data for Alaska and Hawaii unless otherwise noted.)

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CONSTRUCTION . . . At a Glance

Indicator	Current period 1 year ago	Previous period	Current period	Current reference period
Value put in place: (In billions of dollars) Total new construction	54.3	54.8	55.3	November 1960 Seasonally adjusted annual rate
Private construction	39.7	38.4	38.4	November 1960 Seasonally adjusted annual rate
Public construction	14.6	16.4	16.9	November 1960 Seasonally adjusted annual rate
Private housing starts (Thousands of units)	1,378	1,066	1,231	October 1960 Seasonally adjusted annual rate
Number of FHA applications, new private nonfarm dwelling units (In thousands)	27.3	23.3	23.4	October 1960
Contract awards: (In millions of dollars) Total public contract awards	823	1,049	1,068	September 1960
Highways contract awards	258	425	418	September 1960
F. W. Dodge Corp. index of contract awards (1947-49 = 100)	278	271	294	October 1960 Seasonally adjusted
Department of Commerce composite cost index (1947-49 = 100)	142	143	144	September 1960
Composite materials output index (1947-49 = 100)	116.9	130.8	130.7	August 1960 Seasonally adjusted
Wholesale price index, all construction materials (1947-49 = 100)	135.0	131.1	130.6	October 1960
Contract construction employment: Number of employees (In thousands)	2,762	2,799	2,810	October 1960 Seasonally adjusted
Average hourly earnings	3.16	3.28	3.30	September 1960
Average weekly hours	36.6	37.9	37.3	August 1960

THE ECONOMY . . . At a Glance

Indicator	Current period 1 year ago	Previous period	Current period	Current reference period
Gross national product (In billions of dollars)	481.4	505.0	503.5	Third quarter 1960 <i>Seasonally adjusted annual rate</i>
Personal saving (In billions of dollars)	22.5	25.2	29.2	Third quarter 1960 <i>Seasonally adjusted annual rate</i>
Government purchases of goods and services (In billions of dollars)	98.1	98.6	100.7	Third quarter 1960 <i>Seasonally adjusted annual rate</i>
Corporate profits after taxes (In billions of dollars)	26.2	25.0	23.4	Second quarter 1960 <i>Seasonally adjusted annual rate</i>
New plant and equipment expendi- tures (In billions of dollars)	35.2	35.6	34.9	First quarter 1961 (anticipated) <i>Seasonally adjusted annual rate</i>
Retail sales (In billions of dollars)	17.8	18.5	18.6	November 1960 (advance estimate) <i>Seasonally adjusted</i>
Consumer credit outstanding (In billions of dollars)	49.9	54.1	54.2	October 1960
Manufacturing inventories (In billions of dollars)	51.5	54.7	54.3	October 1960 <i>Seasonally adjusted</i>
Manufacturers' unfilled orders (In billions of dollars)	51.5	47.5	46.5	October 1960 <i>End of the month, unadjusted</i>
Industrial production index (1957=100)	102	107	107	October 1960 <i>Seasonally adjusted</i>
Wholesale industrial prices index (1947-49=100)	128.4	127.9	128.1	October 1960
Nonagricultural employment (In millions)	60.7	61.2	61.5	November 1960
Unemployment (As a percent of the civilian labor force)	5.9	6.4	6.3	November 1960 <i>Seasonally adjusted</i>
Average weekly hours worked in manufacturing industries	39.9	39.6	39.3	November 1960

Construction Comments

1960 BOND ELECTIONS¹

The unprecedented high volume of bond approvals in the 1960 November election prompts an analysis of the specific significance of the voting. The results indicate that public construction will in the years ahead contribute more than usual strength to over-all construction demand.

On the basis of returns for about three-fourths of the propositions, out of issues valued at \$3.4 billion put before the voters, a total of \$3.0 billion were approved—the highest volume of approvals for any November election. This 90-percent rate of approvals on the part of voters to finance further public improvements 11 percent greater than the November election average for 1946-59, signifies a clearcut willingness to incur heavier indebtedness for long-term projects. Furthermore, the voters approved greater amounts of bond issues in 8 out of the 11 months in 1960 as compared to 1959. Apparently, the amount of indebtedness acceptable to the public has not yet reached its limit.

The largest bond proposition submitted to the voters on election day, \$1.75 billion, was California's huge Feather River water and irrigation project. It was passed, but by a narrow margin on account of widespread opposition created by diverse conflicting interests in that State. However, the second largest block of bonds before the electorate, \$345 million of Illinois obligations intended for extending State university facilities and improving welfare institutions, passed by a substantial majority. Across the country, sewer and water, and education projects fared particularly well, 98 percent of the amount proposed for the former and 84 percent for the latter being approved.

Bond election approvals for 1960 are expected to reach a new peak of \$5.5 billion, almost double the \$2.8 billion for 1959 and considerably above the former record in 1956. Moreover, the November contribution to the total, 55 percent, is a somewhat larger proportion than is normally accounted for by the month, possibly attributable to the large vote brought out by the presidential contest.

Bond Election Approvals, 1946-60

(Millions of dollars)

Year	12-month total	November only	Year	12-month total	November only
1946.....	1,924	1,029	1954.....	2,782	1,397
1947.....	1,870	1,093	1955.....	¹ 2,653	471
1948.....	1,450	852	1956 ²	4,643	2,566
1949.....	2,217	1,342	1957.....	2,998	889
1950.....	1,538	654	1958.....	3,781	1,883
1951.....	2,250	1,097	1959.....	2,819	904
1952.....	2,384	1,242	1960.....	³ 5,500	3,041
1953.....	1,852	850			

¹Includes only municipal bonds in December. ²Includes only municipal bonds. ³Eleven-month actual data plus estimate for December based on average of 1946-59 December approvals.

For the first 11 months of 1960, 72 percent of the issues and 87 percent of the dollar volume up for voter approval passed, as compared to 74 percent of the issues but only 72 percent of the dollar amount in the corresponding period of 1959. School bond approvals, are running at a rate of \$1.4 billion for the first 11 months of 1960, up sharply from the \$1.0-billion level for the same period of 1959.

Because of the considerable time lag between voter approval and actual construction activity resulting from contract awards, 1961 activity will reflect mainly the influence of approvals during the late 1950's, which also ran at unusually high levels. Since 1952, the contract awards for State and local government construction have fairly consistently followed a pattern counter to the economic cycle, about 5 percent of the awards being held back from the final stages of an upturn and being granted at a later period of decreased economic activity.² However, this shift is less apparent in the work-put-in place series, owing to the rather long periods used for phasing out contract awards. Thus, the bond election picture for November and for 1960 as a whole tends to support the expectation that there will be a 5 percent rise for public construction activity in 1961³ and continued gains in the period following.

¹Many of the statistics cited here are based on compilations prepared by the Investment Bankers Association, Washington, D. C.

²See Morris, Frank E., "Impact of Monetary Policy on State and Local Governments," in *The Journal of Finance*, May 1960.

³"Outlook for 1961" in *Construction Review*, November 1960.

Expenditures for Maintenance and Repairs in 1959

Resuming the long-term climb that was interrupted in 1958, maintenance and repairs expenditures for all types of structures and facilities rose by 8 percent, to \$19.3 billion, in 1959.

Almost every category increased over 1958, but half of the overall dollar gain of almost \$1.5 billion was accounted for by rising expenditures for nonfarm residential buildings. This category, wherein expenditures for new construction also boomed in 1959, had outlays for maintenance and repairs of \$7.5 billion, \$700 million above the 1958 recession levels. However, because of rising costs, the physical volume of work performed probably did not exceed the \$7.4 billion mark of 1957. Because of the rising inventory of housing, spending for maintenance and repairs on a per unit basis was certainly less than in 1957.

The 1959 figures reflect outlays in all 50 States, whereas the statistics for previous years excluded Alaska and Hawaii. However, the data are readily comparable.

Spending on the maintenance of nonresidential buildings exceeded \$4 billion for the first time in 1959. Highways, increasing by slightly less than \$100 million to \$2.4 billion, has displaced the public utilities group as the third most important category. Within the public utility group, railroads, the fourth largest major group, increased only slightly, to just under \$1.3 billion. It is the only category that has not recovered fully from 1958 declines, from almost \$1.5 billion in 1957.

Estimates for years prior to 1950 and a description of the methods used in deriving them appear in Construction Volume and Costs, 1915-1956: A Statistical Supplement to Construction Review, available from the Superintendent of Documents, Government Printing Office, Washington 25, D.C., for 55 cents. The data through 1957 are the same as those previously published; revisions were made only in the 1958 figures, which were preliminary at the time they were first released, as the 1959 figures are now.

Maintenance and Repair Expenditures, 1950-1959

(Millions of dollars)

Type of construction	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959
Total maintenance and repairs...	12,084	13,386	14,153	14,379	14,666	15,843	16,978	17,920	¹ 17,836	¹ 19,282
Residential buildings (nonfarm)...	4,600	5,000	5,300	5,300	5,700	6,500	7,000	7,400	6,800	7,500
Nonresidential buildings.....	2,360	2,540	2,672	2,799	2,868	3,010	3,274	3,556	3,912	4,225
Farm buildings.....	639	722	744	677	609	619	612	609	¹ 604	677
Operators' dwellings.....	208	234	241	219	197	199	197	196	¹ 194	218
Service buildings.....	431	488	503	458	412	420	415	413	¹ 410	459
Military facilities.....	369	614	702	637	579	567	635	651	n. a.	n. a.
Conservation and development ² ..	83	88	99	87	82	81	106	103		
Public utilities.....	1,900	2,134	2,203	2,327	2,146	2,214	2,309	2,381	2,205	2,278
Railroad.....	1,342	1,543	1,584	1,652	1,410	1,447	1,464	1,494	1,275	1,289
Local transit.....	45	45	47	46	45	45	45	45	45	45
Petroleum pipe lines.....	44	51	53	55	57	57	60	62	61	62
Electric light and power.....	209	226	232	267	288	286	314	325	356	388
Gas.....	91	92	97	106	124	145	154	165	175	192
Telephone.....	160	168	181	192	213	226	262	280	282	290
Telegraph.....	9	9	9	9	9	8	10	10	11	12
Highways.....	1,423	1,531	1,611	1,701	1,780	1,856	2,001	2,102	¹ 2,327	2,415
State.....	506	568	616	626	662	694	760	821	¹ 886	923
County.....	564	588	604	643	665	703	736	761	¹ 842	866
Municipal.....	353	375	391	432	453	459	505	520	¹ 599	626
Sewer and water.....	475	496	546	572	618	685	709	770	¹ 812	871
Sewer.....	133	141	153	168	186	206	217	229	242	266
Water.....	342	355	393	404	432	479	492	541	¹ 570	605
All other.....	235	261	276	279	284	311	332	348	347	366

Source: U. S. Department of Commerce, Bureau of the Census. ¹Revised. n.a. Not available. ²Includes estimates for military facilities and conservation and development. ³Covers only projects of the Department of the Army, Corps of Engineers.

Steel Heating Boiler Production—1959*

Shipments of residential-type steel heating boilers having capacities up to 350,000 British thermal units per hour (BTU/H) totaled 100,267 units in 1959, according to a survey of the industry conducted by the Building Materials Division of the Business and Defense Services Administration. The survey embraced the following products: steel heating and steel firebox commercial and residential boilers, including miniature, scotch, and vertical types and residential units fabricated from copper.

The data for 1957, the first year for which such a survey was conducted, showed boiler size in square feet of heating surface rather than in BTU/H net rating. Therefore, the statistics for 1957 and 1959 are not exactly comparable.

plants, 11 of which subsequently discontinued manufacture of boilers (table 2). The 1959 shipments were valued at \$82.5 million (table 3), contrasted with the 1957 value of \$83.5 million (revised).

Shipments of scotch-type boilers increased by 3,000 in 1959 over 1957. The 1957 statistics were collected on the basis of square feet of heating surface, the smallest category being 129 to 321 square feet. Manufacturers of scotch-type boilers having less than 129 square feet of heating surface probably reported such sizes in the residential category in the 1957 survey. Comparisons of data on vertical and other type boilers of 177 square feet of heating surface or less are also limited by the difference in the 1957 and 1959 forms. Information published in Simplified Practice Recommen-

SHIPMENTS

Shipments in 1959 reported by 79 plants totaled 128,854 units (table 1). By comparison, shipments in 1957 amounting to 129,130 units were reported by 90

*Prepared under the supervision of Charles P. Redick, Director, Building Materials Division, Business and Defense Services Administration, U. S. Department of Commerce.

Table 1.—U. S. Shipments of Steel Heating Boilers, by Type, 1959
(In units)

Type and size (000 BTU/H)	Total	Gas-fired	Gas-oil	Oil-fired	Stoker	Hand-fired	Fuel not specified	Over 15 pounds per square inch (PSI)
Total, residential and commercial.....	128,854	42,537	4,537	61,675	6,392	374	13,339	.....
Residential, 0 to 350.....	100,267	32,159	1,337	53,915	5,716	31	7,109	.....
Commercial, all types, total.....	28,587	10,378	3,200	7,760	676	343	6,230	8,015
0 to 350.....	7,572	4,205	121	1,330	102	227	1,587	2,991
351 to 750.....	9,070	3,212	667	2,905	138	63	2,085	1,912
Over 750.....	11,945	2,961	2,412	3,525	436	53	2,558	3,112
Scotch, total.....	9,683	2,488	1,614	4,225	.....	3	1,353	.....
0 to 350.....	1,302	252	6	384	.....	.....	660	.....
351 to 750.....	2,514	888	47	1,272	.....	.....	307	.....
Over 750.....	5,867	1,348	1,561	2,569	.....	3	386	.....
Miniature, total.....	1,883	1,879	.....	3	.....	.....	1	.....
0 to 350.....	1,871	1,869	.....	1	.....	.....	1	.....
351 to 750.....	7	5	.....	2	.....	.....	.....	.....
Over 750.....	5	5	.....	.....	.....	.....	.....	.....
Vertical, total.....	2,527	1,145	68	908	43	64	299	.....
0 to 350.....	959	426	47	295	10	40	141	.....
351 to 750.....	1,131	525	16	426	23	22	119	.....
Over 750.....	437	194	5	187	10	2	39	.....
All other types, total.....	14,494	4,866	1,518	2,624	633	276	4,577	.....
0 to 350.....	3,440	1,658	68	650	92	187	785	.....
351 to 750.....	5,418	1,794	604	1,205	115	41	1,659	.....
Over 750.....	5,636	1,414	846	769	426	48	2,133	.....

Source: U. S. Department of Commerce, Business and Defense Services Administration, Building Materials Division.

ation R157-50 for "Steel Firebox Boilers and Steel Heating Boilers, Commercial and Residential Types," showing the relationship between BTU/H and square feet of heating surface, may serve to facilitate such comparisons (table 4).

Bureau of the Census shipment data for steel heating boilers, collected on a basis of 15 pounds per square inch (p.s.i.) and under, show shipments valued at \$53,160,000 in 1954, \$56,325,000 in 1955, \$62,476,000 in 1956, \$63,274,000 in 1957, and \$62,488,000 in 1958.

The Building Materials Division is conducting a survey of each major segment of the heating equipment industry, using BTU/H as the measure of capacity. Manufacturers' shipments in 1959 of cast iron boilers of 0 to 349,000 BTU/H capacity totaled 206,931 units¹ and steel heating boilers, residential type, of 0 to 350,000 BTU/H capacity totaled 100,267 units.

Table 5 gives a breakdown of steel heating boiler shipments in 1959, by Census geographic division destination.

¹CONSTRUCTION REVIEW, June 1960, p. 13.

OUTLOOK FOR 1961

Starts of single-family residences in 1961, based on the current rate, are not likely to exceed the 1960 total. Governmental action, however, may stimulate an increased rate in the final eight months of 1961. Apartment-house construction may increase somewhat in 1961, improving the outlook for the larger steel boilers. Steel boiler demand for other habitable construction, except industrial, should remain steady.

Repair, modernization, and rehabilitation outlays are expected to increase in 1961. This activity is substantial and appears to have been running at approximately \$25 billion annually, although no definitive figures are available to support this estimate. The Building Materials Division's survey of more than 10,000 heating equipment installers is nearing completion, and its results should provide considerable information on steel boilers in the replacement market.

Some industry sources are of the opinion that steel boiler sales in 1961 will approximate 1960 levels.

Table 2.—U. S. Shipments of Steel Heating Boilers, by Type, 1957 (Revised November 4, 1960)

(In units)						
Type and size (square feet of heating surface)	Total	Gas-fired	Gas-oil	Oil-fired	Stoker-fired	Hand-fired
Total, residential and commercial...	129,130	33,853	7,342	79,156	8,553	226
Residential, total.....	104,201	24,419	4,400	67,509	7,756	117
0 to 76.....	93,268	21,418	3,320	61,663	6,767	100
77 to 177.....	10,933	3,001	1,080	5,846	989	17
Commercial, vertical (except oil country).....	3,079	469	1,130	1,439	26	15
129 to 321.....	2,008	465	1,129	385	19	10
322 to 499.....	43	2	0	35	4	2
500 to 1,250.....	1,028	2	1	1,019	3	3
Commercial, scotch.....	6,698	1,756	1,043	3,844	47	8
129 to 321.....	2,079	908	237	885	46	3
322 to 499.....	1,079	256	139	678	1	5
500 to 1,250.....	2,882	492	537	1,853	0	0
1,251 to 3,600.....	658	100	130	428	0	0
Commercial, miniature.....	1,303	1,153	.....	150	.....	.....
0 to 15.....	1,236	1,153	.....	83	.....	.....
16 to 25.....	45	0	.....	45	.....	.....
Over 25.....	22	0	.....	22	.....	.....
Commercial, all other.....	13,849	6,056	769	6,214	724	86
129 to 321.....	8,298	5,581	104	2,453	135	25
322 to 499.....	1,494	338	160	798	178	20
500 to 1,250.....	3,592	57	359	2,794	346	36
1,251 to 3,600.....	465	80	146	169	65	5

Source: U. S. Department of Commerce, Business and Defense Services Administration, Building Materials Division.

Table 3.—Value of U. S. Manufacturers' Shipments of Commercial and Residential, Steel Heating and Firebox Boilers, by Volume-of-Sales Group, 1959

Volume of shipment	Number of plants reporting	Value	
		Thousands of dollars	Percent of total
\$1 million and over.....	22	63,429	76.8
\$500,000 to \$999,999.....	16	11,681	14.2
Under \$500,000.....	41	7,469	9.0
Total.....	79	82,579	100.0

¹ 27 manufacture commercial boilers only, 26 residential only, and 26 both commercial and residential.

Source: U. S. Department of Commerce, Business and Defense Services Administration, Building Materials Division.

Table 4. Net Rating of Commercial and Residential Steel Heating Boilers, in BTU/H and Minimum Square Feet Heating Surface

Commercial		Residential	
Mechanically fired, thousands of BTU/H	Minimum heating surface, square feet	Oil fired, thousands of BTU/H	Minimum heating surface, square feet
432.....	129	66.....	16
528.....	158	77.....	19
624.....	186	96.....	24
720.....	215	132.....	32
840.....	250		
960.....	286	168.....	41
1,080.....	322	216.....	53
1,200.....	358	264.....	65
1,440.....	429	312.....	77
1,680.....	500	360.....	88
2,040.....	608	432.....	106
2,400.....	715		
3,000.....	893	528.....	129
3,600.....	1,072	624.....	153
4,200.....	1,250	720.....	177
4,800.....	1,429		
6,000.....	1,786		
7,200.....	2,143		
8,400.....	2,500		

Source: Simplified Practice Recommendation R157-50, U. S. Department of Commerce, Office of Technical Services, Commodity Standards Division.

Table 5.—Shipments of Commercial and Residential Steel Heating and Steel Firebox Boilers, by Census Geographic Division Destination, 1959

Census geographic division ¹	Value	
	(Thousands of dollars)	Percent of total
New England.....	8,028	9.7
Middle Atlantic.....	27,449	33.2
East North Central.....	14,476	17.5
West North Central.....	6,041	7.3
South Atlantic.....	9,098	11.0
East South Central.....	2,558	3.1
West South Central.....	3,049	3.7
Mountain.....	2,653	3.2
Pacific.....	6,179	7.5
Exports.....	18	(¹)
Not known (3 plants).....	3,030	3.7
Total.....	82,579	100.0

¹ Less than one-half of 1 percent.

Source: U. S. Department of Commerce, Business and Defense Services Administration, Building Materials Division.

COMPOSITION OF REGIONS AND GEOGRAPHIC DIVISIONS

NORTHEAST	SOUTH	WEST
1. New England Connecticut Maine Massachusetts New Hampshire Rhode Island Vermont	5. S. Atlantic Delaware Dist. of Col. Florida Georgia Maryland N. Carolina S. Carolina Virginia W. Virginia	8. Mountain Arizona Colorado Idaho Montana Nevada New Mexico Utah Wyoming
2. Middle Atlantic New Jersey New York Pennsylvania	6. E. S. Central Alabama Kentucky Mississippi Tennessee	9. Pacific Alaska California Hawaii Oregon Washington
NORTH CENTRAL		
3. E. N. Central Illinois Indiana Michigan Ohio Wisconsin	7. W. S. Central Arkansas Louisiana Oklahoma Texas	
4. W. N. Central Iowa Kansas Minnesota Missouri Nebraska North Dakota South Dakota		

STATISTICAL SERIES

Part A.—Construction Put in Place

NOTE: The monthly estimates in Part A are determined primarily by past contract award movements, standard progress patterns, and assumed normal seasonal movements. Except when special surveys are undertaken, as was done during the 1959 steel strike, they do not reflect the effects of varying numbers of working days in given months, nor of special conditions influencing the volume of activity in any given month, such as unusual weather, materials shortages, overtime, work stoppages, and delays.

Table A-1.—New Construction Put in Place in the United States: Current Value and Relative Changes, by Type of Construction

Type of construction	Value (in millions of dollars)						Percent change			
	1960			1959	First 11 months		Seasonally adjusted annual rate Nov. 1960	Nov. 1960 from		
	Sep-tem-ber	Octo-ber	No-vem-ber	No-vem-ber	1959	1960		First 11 mos. 1959-60	No-vem-ber 1959	Octo-ber 1960
TOTAL NEW CONSTRUCTION.....	\$ 5,244	\$ 5,066	\$ 4,801	\$ 4,726	51,796	50,684	55,327	- 2	+ 2	- 5
PRIVATE CONSTRUCTION.....	\$ 3,543	\$ 3,486	\$ 3,374	\$ 3,492	36,702	35,785	38,392	- 2	- 3	- 3
Residential buildings (nonfarm)....	\$ 2,023	\$ 1,940	1,857	2,112	22,568	20,291	21,169	- 10	- 12	- 4
New dwelling units.....	\$ 1,492	\$ 1,436	1,378	1,663	17,725	15,134	15,625	- 15	- 17	- 4
Additions and alterations.....	\$ 450	\$ 422	392	381	4,146	4,326	4,556	+ 4	+ 3	+ 7
Nonhousekeeping.....	81	82	87	68	697	831	988	+ 19	+ 28	+ 6
Nonresidential buildings.....	889	912	923	810	8,054	9,136	10,335	+ 13	+ 14	+ 1
Industrial.....	248	256	263	200	1,890	2,596	3,036	+ 37	+ 32	+ 3
Commercial.....	358	372	382	355	3,590	3,707	4,198	+ 3	+ 8	+ 3
Office buildings and warehouses	181	185	189	167	1,784	1,886	2,158	+ 6	+ 13	+ 2
Stores, restaurants, and garages	177	187	193	188	1,806	1,821	2,040	+ 1	+ 3	+ 3
Other nonresidential buildings...	283	284	278	255	2,574	2,833	3,101	+ 10	+ 9	- 2
Religious.....	96	96	94	85	864	943	1,034	+ 9	+ 11	- 2
Educational.....	53	55	54	45	479	528	592	+ 10	+ 20	- 2
Hospital and institutional....	49	51	52	50	521	527	611	+ 1	+ 4	+ 2
Social and recreational.....	65	62	58	51	501	618	652	+ 23	+ 14	- 6
Miscellaneous.....	20	20	20	24	209	217	212	+ 4	- 17	0
Farm construction ¹	\$ 116	\$ 107	\$ 104	\$ 112	1,258	1,202	1,295	- 4	- 7	- 3
Public utilities.....	\$ 489	\$ 500	463	436	4,637	4,896	5,282	+ 6	+ 6	- 7
Telephone and telegraph.....	\$ 95	107	92	87	867	1,012	1,091	+ 17	+ 6	- 14
Other public utilities.....	394	393	371	349	3,770	3,884	4,191	+ 3	+ 6	- 6
All other private.....	26	27	27	22	185	260	311	+ 41	+ 23	0
PUBLIC CONSTRUCTION.....	\$ 1,701	\$ 1,580	1,427	1,234	15,094	14,899	16,935	- 1	+ 16	- 10
Residential buildings.....	60	\$ 59	60	58	902	657	700	- 27	+ 3	+ 2
Nonresidential buildings.....	446	\$ 442	403	325	4,188	4,355	4,982	+ 4	+ 24	- 9
Industrial.....	31	\$ 34	36	34	335	381	403	+ 14	+ 6	+ 6
Educational.....	266	\$ 266	238	187	2,464	2,584	2,987	+ 5	+ 27	- 11
Hospital and institutional.....	36	\$ 34	33	32	397	369	380	- 7	+ 3	- 3
Administrative and service.....	62	\$ 58	50	37	532	548	637	+ 3	+ 35	- 14
Other nonresidential buildings....	51	50	46	35	460	473	575	+ 3	+ 31	- 8
Military facilities.....	\$ 143	\$ 138	124	114	1,378	1,213	1,442	- 12	+ 9	- 10
Highways.....	\$ 693	\$ 604	542	469	5,498	5,338	6,162	- 3	+ 16	- 10
Sewer and water facilities.....	135	\$ 128	120	121	1,352	1,376	1,458	+ 2	- 1	- 6
Sewer.....	77	\$ 72	67	74	834	818	812	- 2	- 9	- 7
Water.....	58	\$ 56	53	47	518	558	646	+ 8	+ 13	- 5
Public service enterprises.....	76	\$ 66	58	44	514	611	736	+ 19	+ 32	- 12
Conservation and development.....	\$ 126	\$ 121	99	87	1,046	1,144	1,184	+ 9	+ 14	- 18
All other public.....	22	\$ 22	21	16	216	205	271	- 5	+ 31	- 5

Source: Department of Commerce, Bureau of the Census. ² Revised. ¹ Estimates for farm construction have been revised beginning with January 1959. Revised estimates not shown above are:

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
1959...	88	85	91	101	115	128	138	144	134	122	112	104	1,362
1960...	100	99	100	102	111	118	122	123					

Table A-2.—New Construction Put in Place in the United States: Seasonally Adjusted Annual Rates in Current and Constant* Dollars
(Millions of dollars)

Period	New construction put in place**						Private construction				
	Total ¹		Private ¹		Public		Residential building (nonfarm)				
							Total		New dwelling units		
	Current	Constant	Current	Constant	Current	Constant	Current	Constant	Current	Constant	
1955.....	44, 164	35, 334	32, 440	25, 661	11, 724	9, 673	18, 705	15, 078	14, 990	n. a.	
1956.....	45, 779	34, 681	33, 067	24, 805	12, 712	9, 876	17, 677	13, 648	13, 535		
1957.....	47, 795	34, 944	33, 778	24, 469	14, 017	10, 475	17, 019	12, 903	12, 615		
1958.....	48, 903	35, 418	33, 491	23, 964	15, 412	11, 454	18, 047	13, 555	13, 552		
1959.....	† 56, 206	† 39, 904	† 39, 949	† 27, 847	16, 257	12, 057	24, 469	17, 753	19, 233		
Seasonally adjusted annual rates											
1959: November.....	54, 346	38, 188	39, 702	27, 544	14, 644	10, 644	24, 016	17, 316	18, 826	13, 572	
December.....	55, 436	38, 935	40, 127	27, 727	15, 309	11, 208	23, 901	17, 220	18, 560	13, 368	
1960: January.....	54, 726	38, 404	39, 894	27, 592	14, 832	10, 812	23, 244	16, 728	17, 808	12, 804	
February.....	54, 889	38, 377	39, 709	27, 229	15, 180	11, 148	22, 536	16, 104	17, 136	12, 252	
March.....	54, 419	38, 081	39, 263	26, 993	15, 156	11, 088	22, 392	16, 056	16, 860	12, 084	
April.....	54, 166	37, 712	38, 722	26, 504	15, 444	11, 208	21, 930	15, 697	16, 458	11, 773	
May.....	55, 260	38, 680	38, 916	26, 596	16, 344	12, 084	22, 180	15, 820	16, 516	11, 788	
June.....	55, 189	38, 453	39, 103	26, 707	16, 086	11, 746	22, 362	15, 939	16, 753	11, 941	
July.....	55, 390	38, 602	39, 035	26, 651	16, 355	11, 951	22, 308	15, 923	16, 613	11, 858	
August.....	55, 298	38, 629	38, 660	26, 414	16, 638	12, 215	21, 783	15, 581	16, 300	11, 659	
September.....	55, 325	38, 467	38, 697	26, 408	† 16, 628	† 12, 059	† 21, 716	† 15, 534	15, 941	† 11, 403	
October.....	54, 781	38, 020	38, 360	26, 147	† 16, 421	† 11, 873	† 21, 134	† 15, 117	15, 583	11, 147	
November.....	55, 327	38, 479	38, 392	26, 181	16, 935	12, 298	21, 169	15, 142	15, 625	11, 177	
Percent change											
November 1959-60.....	+ 2	+ 1	- 3	- 5	+ 16	+ 16	- 12	- 13	- 17	- 18	
First 11 mos. 1959-60.....	- 2	- 4	- 2	- 4	- 3	- 4	- 10	- 11	- 14	- 16	
Private construction—Con.											
Period	Residential building—Con.				Nonresidential buildings						
	Additions and alterations		Nonhousekeeping		Total		Industrial		Office buildings and warehouses		
	Current	Constant	Current	Constant	Current	Constant	Current	Constant	Current	Constant	
1955.....	3, 376	n. a.	339	n. a.	7, 611	6, 007	2, 399	1, 941	1, 311	1, 054	
1956.....	3, 695		447		8, 817	6, 594	3, 084	2, 306	1, 684	1, 294	
1957.....	3, 903		501		9, 556	6, 805	3, 557	2, 506	1, 893	1, 389	
1958.....	3, 862		2, 902		633	477	8, 675	6, 046	2, 382	1, 679	2, 013
1959.....	4, 468		3, 241		768	558	8, 859	5, 974	2, 106	1, 457	1, 954
Seasonally adjusted annual rates											
1959: November.....	4, 422	3, 192	768	552	9, 036	6, 096	2, 316	1, 596	1, 896	1, 284	
December.....	4, 525	3, 264	816	588	9, 372	6, 252	2, 448	1, 680	1, 968	1, 320	
1960: January.....	4, 620	3, 324	816	600	9, 720	6, 528	2, 556	1, 764	2, 040	1, 368	
February.....	4, 572	3, 264	828	588	10, 224	6, 816	2, 748	1, 896	2, 064	1, 380	
March.....	4, 680	3, 360	852	612	10, 032	6, 708	2, 772	1, 920	2, 028	1, 356	
April.....	4, 596	3, 288	876	636	9, 948	6, 624	2, 772	1, 908	2, 004	1, 332	
May.....	4, 764	3, 396	900	636	9, 828	6, 576	2, 760	1, 908	1, 992	1, 332	
June.....	4, 686	3, 340	923	658	9, 754	6, 493	2, 788	1, 922	2, 014	1, 334	
July.....	4, 745	3, 387	950	678	9, 821	6, 519	2, 868	1, 978	2, 068	1, 369	
August.....	4, 528	3, 239	955	683	9, 962	6, 620	2, 934	2, 023	2, 069	1, 379	
September.....	4, 816	3, 445	959	686	10, 173	† 6, 734	3, 041	2, 097	2, 087	† 1, 381	
October.....	4, 597	3, 288	954	682	10, 313	† 6, 826	3, 084	† 2, 127	2, 129	† 1, 410	
November.....	4, 556	3, 259	988	706	10, 335	6, 839	3, 036	2, 094	2, 158	1, 429	
Percent change											
November 1959-60.....	+ 3	+ 2	+ 29	+ 28	+ 14	+ 12	+ 31	+ 31	+ 14	+ 11	
First 11 mos. 1959-60.....	+ 5	+ 3	+ 19	+ 17	+ 14	+ 12	+ 37	+ 37	+ 6	+ 3	

See footnotes at end of table.

Table A-2.—New Construction Put in Place in the United States: Seasonally Adjusted Annual Rates in Current and Constant* Dollars—Con.
(Millions of dollars)

Period	Private construction—Con.									
	Nonresidential buildings—Con.									
	Stores, restaurants, garages		Religious		Educational		Hospitals and institutional		Social and recreational	
	Current	Constant	Current	Constant	Current	Constant	Current	Constant	Current	Constant
1955.....	1,907	1,472	734	n. a.	492	n. a.	351	n. a.	239	n. a.
1956.....	1,947	1,441	768		536		328		275	
1957.....	1,671	1,186	868		525		525		311	
1958.....	1,576	1,085	863		574		600		415	
1959.....	1,976	1,306	947	634	525	352	570	380	550	364
Seasonally adjusted annual rates										
1959: November.....	1,992	1,320	936	624	492	336	588	384	564	384
December.....	2,052	1,356	960	636	528	336	588	384	588	384
1960: January.....	2,100	1,380	984	660	564	372	600	396	624	408
February.....	2,292	1,500	1,044	684	576	372	600	396	648	432
March.....	2,088	1,368	1,044	684	576	384	588	384	672	444
April.....	2,052	1,344	1,056	696	576	372	576	372	684	444
May.....	1,968	1,284	1,032	684	576	384	564	372	696	456
June.....	1,867	1,220	1,027	671	572	374	541	354	692	453
July.....	1,802	1,170	1,015	659	578	376	538	349	700	454
August.....	1,853	1,203	1,025	665	574	372	547	355	700	454
September.....	1,949	1,257	1,033	667	586	378	574	370	686	443
October.....	2,004	1,293	1,036	668	595	384	593	382	662	427
November.....	2,040	1,316	1,034	667	592	382	611	394	652	420
Percent change										
November 1959-60.....	+ 2	(²)	+ 10	+ 7	+ 20	+ 14	+ 4	+ 3	+ 16	+ 9
First 11 mos. 1959-60.....	+ 3	(⁴)	+ 9	+ 6	+ 10	+ 7	+ 1	- 1	+ 25	+ 21
Private construction—Con.										
Period	Nonres. bldg.—Con.		Farm construction ¹		Total		Public utilities		Other public utilities	
	Miscellaneous						Telephone and telegraph			
	Current	Constant	Current	Constant	Current	Constant	Current	Constant	Current	Constant
1955.....	178	n. a.	1,600	1,344	4,363	3,119	805	612	3,558	2,507
1956.....	195		1,560	1,252	4,893	3,230	1,066	754	3,827	2,476
1957.....	206		1,590	1,249	5,414	3,384	1,068	744	4,346	2,640
1958.....	243		1,475	1,150	5,105	3,096	904	622	4,201	2,474
1959.....	231	151	² 1,362	² 1,020	5,052	2,975	952	633	4,100	2,342
Seasonally adjusted annual rates										
1959: November.....	252	168	1,406	1,048	4,980	2,928	1,032	672	3,948	2,256
December.....	240	156	1,394	1,039	5,184	3,048	1,068	708	4,116	2,340
1960: January.....	252	180	1,374	1,024	5,232	3,120	1,008	672	4,224	2,448
February.....	252	156	1,357	1,009	5,292	3,132	1,068	696	4,224	2,436
March.....	264	168	1,331	989	5,232	3,072	960	624	4,272	2,448
April.....	228	156	1,324	979	5,256	3,060	1,020	660	4,236	2,400
May.....	240	156	1,328	984	5,316	3,072	1,104	720	4,212	2,352
June.....	253	165	1,324	982	5,405	3,145	1,190	763	4,215	2,382
July.....	252	164	1,267	933	5,364	3,119	1,145	734	4,219	2,385
August.....	260	169	1,240	913	5,406	3,146	1,192	764	4,214	2,382
September.....	217	140	1,246	914	² 5,285	² 3,068	1,096	702	4,189	2,366
October.....	210	135	1,236	907	5,373	3,124	1,192	764	4,181	2,360
November.....	212	137	1,295	953	5,282	3,065	1,091	699	4,191	2,366
Percent change										
November 1959-60.....	- 16	- 18	- 8	- 9	+ 6	+ 5	+ 6	+ 4	+ 6	+ 5
First 11 mos. 1959-60.....	+ 6	+ 4	- 3	- 5	+ 5	+ 5	+ 17	+ 13	+ 3	+ 2

See footnotes at end of table.

Table A-2.—New Construction Put in Place in the United States: Seasonally Adjusted Annual Rates in Current and Constant* Dollars—Con.
(Millions of dollars)

Period	Public construction											
	Residential buildings		Nonresidential buildings									
			Total**		Industrial		Educational		Hospital and institutional		Administrative and service	
	Current	Con-stant	Current	Con-stant	Current	Con-stant	Current	Con-stant	Current	Con-stant	Current	Con-stant
1955.....	266	213	4,196	3,274	721	588	2,442	1,888	300	232	331	n.a.
1956.....	292	225	4,076	3,017	453	339	2,556	1,891	300	220	362	n.a.
1957.....	506	383	4,507	3,193	473	333	2,825	2,003	354	250	439	n.a.
1958.....	846	637	4,653	3,214	408	289	2,875	1,982	390	267	532	367
1959.....	962	703	4,514	3,035	368	256	2,656	1,780	428	287	568	379
Seasonally adjusted annual rates												
1959: November.....	684	492	4,020	2,628	396	264	2,340	1,536	372	240	470	309
December.....	708	504	4,248	2,808	396	276	2,448	1,608	396	252	516	339
1960: January.....	696	504	4,308	2,832	444	300	2,508	1,656	408	264	503	331
February.....	684	492	4,500	2,976	396	276	2,628	1,728	432	288	508	334
March.....	684	504	4,308	2,868	372	264	2,580	1,704	372	240	505	332
April.....	720	516	4,560	2,988	408	276	2,688	1,764	384	252	590	386
May.....	768	552	4,692	3,084	384	264	2,832	1,848	408	276	610	398
June.....	724	516	4,698	3,085	389	268	2,796	1,827	414	271	618	404
July.....	774	552	5,083	3,325	634	437	2,914	1,892	403	262	623	404
August.....	724	518	4,811	3,139	362	250	2,930	1,903	396	257	608	395
September.....	[†] 712	[†] 509	[†] 4,878	[†] 3,164	[†] 389	[†] 268	[†] 2,941	[†] 1,898	408	263	611	394
October.....	[†] 686	[†] 491	[†] 4,896	[†] 3,176	[†] 386	[†] 266	[†] 2,952	[†] 1,905	[†] 388	[†] 250	616	397
November.....	700	500	4,982	3,232	403	278	2,987	1,927	380	245	637	411
Percent change												
November 1959-60.....	+ 2	+ 2	+ 24	+23	+ 2	+ 5	+28	+ 25	+ 2	+ 2	+36	+33
First 11 mos. 1959-60..	- 28	- 29	+ 3	+ 1	+ 13	+13	+ 4	+ 2	- 7	-10	+ 1	- 2
Public construction—Con.												
Period	Military facilities		Highways		Sewer systems		Water systems		Public service enterprises		Conservation and development	
	Current	Con-stant	Current	Con-stant	Current	Con-stant	Current	Con-stant	Current	Con-stant	Current	Con-stant
1955.....	1,287	1,063	3,861	3,633	615	436	470	333	233	157	701	497
1956.....	1,360	1,059	4,395	3,851	701	473	574	386	384	240	826	556
1957.....	1,287	955	4,892	4,146	781	503	563	362	393	232	971	625
1958.....	1,402	1,028	5,500	4,731	836	518	551	339	451	261	1,019	633
1959.....	1,488	1,082	5,916	5,253	906	536	561	333	551	308	1,130	670
Seasonally adjusted annual rates												
1959: November.....	1,327	948	5,328	4,668	900	516	576	336	564	324	1,039	612
December.....	1,433	1,032	5,520	4,884	924	540	600	348	576	324	1,105	648
1960: January.....	1,272	936	5,004	4,464	948	564	588	336	564	324	1,224	720
February.....	996	732	5,448	4,896	948	552	588	336	624	348	1,140	672
March.....	1,512	1,020	5,112	4,632	948	552	588	348	588	336	1,224	708
April.....	1,236	864	5,304	4,776	960	552	576	336	600	336	1,284	732
May.....	1,200	852	5,168	4,568	936	552	576	324	600	336	1,200	696
June.....	1,283	916	5,639	5,085	907	521	568	326	619	350	1,439	827
July.....	1,265	903	5,768	5,196	874	499	581	332	668	378	1,133	647
August.....	1,430	1,022	6,121	5,510	839	479	608	348	697	394	1,196	684
September.....	[†] 1,392	[†] 987	[†] 5,987	[†] 5,312	811	464	643	368	689	389	[†] 1,296	[†] 741
October.....	[†] 1,379	[†] 978	[†] 5,791	[†] 5,134	[†] 815	[†] 466	[†] 650	[†] 372	[†] 701	[†] 396	[†] 1,261	[†] 721
November.....	1,442	1,023	6,162	5,462	812	464	646	369	736	416	1,184	677
Percent change												
November 1959-60.....	+ 9	+ 8	+ 16	+17	- 10	- 10	+12	+ 10	+ 30	+28	+14	+ 11
First 11 mos. 1959-60..	- 13	- 14	- 6	- 4	- 1	- 4	+ 8	+ 4	+ 19	+19	+ 9	+ 6

Source: Department of Commerce, Bureau of the Census. *1947-49 dollars. **Includes values for the "other" categories, not shown separately on this table. See table A-1. ¹Data for 1959 and 1960 have been revised to reflect corrected estimates of farm construction. ²Change of less than one-half of 1 percent. [†]Revised. NOTE: Values for 1955-1958, shown in italics, are not comparable with later data because they reflect the "new" housing starts series. While data for Alaska and Hawaii have been included in all series, the effect on national totals is negligible, being of the order of one-half of 1 percent.

Table A-3.—New Public Construction Put in Place in the United States: Value, by Source and Type of Funds, and by Ownership
(Millions of dollars)

Period	Total	Source of funds				Ownership		Federally owned	
		Federal			State and local	Federal	State and local	Residential buildings	Military facilities
		Total	Direct	Grants-in-aid					
1955.....	11,724	3,555	2,777	778	8,169	2,777	8,947	2	1,287
1956.....	12,712	3,639	2,728	911	9,073	2,728	9,984	17	1,360
1957.....	14,017	4,376	2,991	1,385	9,641	2,991	11,026	155	1,287
1958.....	15,412	5,663	3,419	2,244	9,749	3,419	11,993	357	1,402
1959.....	16,257	6,632	3,842	2,790	9,625	3,842	12,415	488	1,488
1959: November...	1,234	498	288	210	736	288	946	24	114
December...	1,163	469	277	192	694	277	886	22	110
1960: January....	943	360	247	113	583	247	696	25	89
February....	884	316	199	117	568	199	685	23	61
March.....	991	362	246	116	629	246	745	24	92
April.....	1,170	422	271	151	748	271	899	25	88
May.....	1,383	532	300	232	851	300	1,083	27	103
June.....	1,534	591	358	233	943	358	1,176	27	126
July.....	1,604	604	338	266	1,000	338	1,266	26	114
August.....	1,682	639	345	294	1,043	345	1,337	24	135
September...	¹ 1,701	¹ 645	¹ 364	¹ 281	¹ 1,056	¹ 364	¹ 1,337	23	¹ 143
October....	¹ 1,508	¹ 594	¹ 353	¹ 241	¹ 986	¹ 353	¹ 1,227	22	¹ 138
November...	1,427	537	316	221	890	316	1,111	21	124
Percent change									
November 1959-60..	+16	+8	+10	+5	+21	+10	+17	-13	+9
First 11 mos. 1959-60	-1	-9	-6	-13	+4	-6	(1)	-43	-12
Federally owned—Con.									
Period	Nonresidential buildings						Highways	Conservation and development	All other
	Total	Industrial	Educational	Hospital	Administrative and service	Other nonresidential			
1955.....	802	721	6	22	14	39	78	598	10
1956.....	583	453	8	37	30	55	79	675	14
1957.....	600	473	8	45	54	20	117	818	14
1958.....	607	408	11	35	122	31	145	885	23
1959.....	660	368	11	58	149	74	180	981	45
1959: November...	55	34	1	5	10	5	16	75	4
December...	55	33	0	5	11	6	14	73	3
1960: January....	52	35	1	4	8	4	8	69	4
February....	47	29	1	4	8	5	8	56	4
March.....	46	29	1	4	8	4	8	72	4
April.....	54	33	1	4	12	4	12	86	6
May.....	56	33	2	5	12	4	16	92	6
June.....	60	35	2	6	13	4	19	119	7
July.....	79	54	3	5	12	5	20	91	8
August.....	58	32	2	5	13	6	20	101	7
September...	58	31	2	5	14	6	21	¹ 111	8
October....	¹ 59	¹ 34	2	¹ 4	¹ 13	6	19	¹ 106	¹ 9
November...	61	36	2	5	13	5	16	85	9
Percent change									
November 1959-60..	+11	+6	+100	0	+30	0	0	+13	+125
First 11 mos. 1959-60	+4	+14	+73	-4	-9	-22	+1	+9	+71

See footnotes at end of table.

Table A-3.—New Public Construction Put in Place in the United States: Value, by Source and Type of Funds, and by Ownership—Con.
(Millions of dollars)

Period	State and locally owned									
	Residential buildings	Nonresidential buildings					Highways	Sewer systems	Water systems	All other
		Total	Educational	Hospitals	Administrative and service	Other nonresidential				
1955.....	264	3,394	2,436	278	317	363	3,783	615	470	421
1956.....	275	3,493	2,548	263	332	350	4,316	701	574	625
1957.....	351	3,907	2,817	309	385	396	4,775	781	563	649
1958.....	489	4,046	2,864	355	410	417	5,355	836	551	716
1959.....	474	3,854	2,645	370	419	420	5,736	906	561	884
1959: November...	34	270	186	27	27	30	453	74	47	68
December...	38	271	192	26	25	28	404	72	43	58
1960: January.....	33	276	196	25	26	29	216	71	43	57
February.....	34	261	182	25	25	29	233	65	40	52
March.....	33	288	199	27	30	32	245	72	46	61
April.....	35	324	222	30	36	36	344	76	48	72
May.....	37	338	232	30	39	37	499	77	51	81
June.....	33	359	247	30	42	40	567	79	51	87
July.....	37	380	262	31	45	42	617	81	54	97
August.....	35	386	261	31	49	45	667	81	58	110
September...	37	388	264	31	48	45	672	77	58	105
October.....	37	383	264	30	45	44	585	72	56	94
November...	39	342	236	28	37	41	526	67	53	84
Percent change										
November 1959-60..	+ 15	+27	+ 27	+ 4	+ 37	+ 37	+16	- 9	+13	+24
First 11 mos. 1959-60	- 11	+ 4	+ 5	- 8	+ 7	+ 7	- 3	- 2	+ 8	+ 9

Source: Department of Commerce, Bureau of the Census. ¹ Change of less than one-half of 1 percent. ² Revised.

NOTE: Beginning with January 1959 data include estimates for the value of new construction put in place in Alaska and Hawaii.

COMPOSITION OF REGIONS AND GEOGRAPHIC DIVISIONS					
NORTHEAST	NORTH CENTRAL		SOUTH		WEST
1. New England	3. E. N. Central	4. W. N. Central	5. S. Atlantic	6. E. S. Central	8. Mountain
Connecticut	Illinois	Iowa	Delaware	Alabama	Arizona
Maine	Indiana	Kansas	Dist. of Col.	Kentucky	Colorado
Massachusetts	Michigan	Minnesota	Florida	Mississippi	Idaho
New Hampshire	Ohio	Missouri	Georgia	Tennessee	Montana
Rhode Island	Wisconsin	Nebraska	Maryland		Nevada
Vermont		North Dakota	N. Carolina	7. W. S. Central	New Mexico
		South Dakota	S. Carolina	Arkansas	Utah
			Virginia	Louisiana	Wyoming
			W. Virginia	Oklahoma	
				Texas	
2. Middle Atlantic					9. Pacific
New Jersey					Alaska
New York					California
Pennsylvania					Hawaii
					Oregon
					Washington

Part B.—Housing

NOTE: The statistics shown in italics in this section relate to the "old" housing starts series which was terminated with April 1960 data. The "new" series overlaps the "old" one for the period January 1959-April 1960.

A description of the "new" series and a statement regarding conceptual, coverage, and methodological changes which affect the comparability of the two series appears in CONSTRUCTION REVIEW, June 1960, pp. 4-10.

Table B-1.—Housing Starts in the United States: Number and Percentage Distribution, by Ownership and Type of Structure

Period	Total	Ownership		Type of structure			Seasonally adjusted annual rate, private		
		Private		Public	1-family	2-family	3-or-more family	Total	Nonfarm
		Total	Nonfarm						
Number of units (<i>in thousands</i>)									
Old series									
1936.....	1, 118. 1	.....	1, 093. 9	24. 2	989. 7	30. 9	97. 5	.....	.....
1937.....	1, 041. 9	.....	992. 8	49. 1	872. 7	33. 3	135. 9	.....	.....
1938.....	1, 209. 4	.....	1, 141. 5	67. 9	975. 1	38. 9	195. 4	.....	.....
1939.....	1, 378. 5	.....	1, 342. 8	35. 7	1, 094. 6	52. 5	231. 4	.....	.....
New series									
1959.....	1, 553. 5	1, 516. 8	1, 494. 6	36. 7	1, 250. 7	58. 5	244. 3	.....	.....
1959: October.....	123. 3	120. 0	117. 9	3. 3	98. 7	4. 8	19. 8	1, 378	1, 354
November.....	106. 5	104. 7	102. 5	1. 8	85. 4	4. 3	16. 8	1, 356	1, 328
December.....	96. 4	95. 6	92. 8	. 8	77. 0	3. 6	15. 8	1, 451	1, 401
1960: January.....	88. 4	87. 1	83. 0	1. 3	69. 8	3. 9	14. 7	1, 366	1, 291
February.....	90. 2	87. 9	86. 5	2. 3	70. 9	4. 0	15. 3	1, 367	1, 347
March.....	93. 3	90. 2	89. 2	3. 1	74. 0	3. 8	15. 5	1, 112	1, 098
April.....	125. 2	123. 5	121. 7	1. 7	102. 3	4. 7	18. 2	1, 327	1, 307
May.....	130. 0	127. 3	125. 5	2. 7	101. 6	5. 0	23. 4	1, 333	1, 315
June.....	127. 3	122. 2	120. 6	5. 1	101. 5	4. 6	21. 2	1, 302	1, 285
July.....	114. 9	111. 1	109. 4	3. 8	90. 6	4. 4	19. 8	1, 182	1, 164
August.....	^r 129. 6	^r 124. 8	^r 122. 7	4. 8	^r 103. 3	^r 4. 2	^r 22. 2	^r 1, 292	^r 1, 273
September.....	^r 102. 3	^r 96. 7	^r 94. 7	5. 6	81. 0	3. 5	17. 8	^r 1, 066	^r 1, 044
October.....	109. 9	107. 1	103. 8	2. 8	n. a.	n. a.	n. a.	1, 231	1, 192
Percent change									
October 1959-60.....	- 10. 9	- 10. 8	- 12. 0	- 15. 2	.....	.....	.....	.....	.....
First 10 mos. 1959-60....	17. 7	18. 1	- 18. 6	- 2. 6	¹ - 19. 7	¹ - 16. 8	¹ - 12. 4	.....	.....
Percentage distribution									
Old series									
1936.....	100	.....	97. 8	2. 2	88. 5	2. 8	8. 7	.....	.....
1937.....	100	.....	95. 3	4. 7	83. 8	3. 2	13. 0	.....	.....
1938.....	100	.....	94. 4	5. 6	80. 6	3. 2	16. 2	.....	.....
1939.....	100	.....	97. 4	2. 6	79. 4	3. 8	16. 8	.....	.....
New series									
1959.....	100	97. 7	96. 2	2. 3	80. 5	3. 8	15. 7	.....	.....
1959: October.....	100	97. 3	95. 6	2. 7	80. 0	3. 9	16. 1	.....	.....
November.....	100	98. 3	96. 2	1. 7	80. 2	4. 0	15. 8	.....	.....
December.....	100	99. 3	96. 4	. 7	80. 0	3. 7	16. 3	.....	.....
1960: January.....	100	98. 5	93. 9	1. 5	79. 0	4. 4	16. 6	.....	.....
February.....	100	97. 5	95. 9	2. 5	78. 6	4. 4	17. 0	.....	.....
March.....	100	96. 7	95. 6	3. 3	79. 3	4. 1	16. 6	.....	.....
April.....	100	98. 6	97. 2	1. 4	81. 7	3. 8	14. 5	.....	.....
May.....	100	97. 9	96. 5	2. 1	78. 2	3. 8	18. 0	.....	.....
June.....	100	96. 0	94. 7	4. 0	79. 7	3. 6	16. 7	.....	.....
July.....	100	96. 7	95. 2	3. 3	78. 9	3. 8	17. 2	.....	.....
August.....	100	96. 3	94. 7	3. 7	^r 79. 7	3. 2	^r 17. 1	.....	.....
September.....	100	^r 94. 5	92. 6	^r 5. 5	79. 2	3. 4	17. 4	.....	.....
October.....	100	97. 5	94. 4	2. 5	.....	.....	.....	.....	.....

Source: Department of Commerce, Bureau of the Census. * For seasonally adjusted annual rates pertaining to the "old" housing starts series, 1948-60 by month, see table B-2 in CONSTRUCTION REVIEW, June 1960. n. a. Not yet available. ¹ First 9 months 1959-60. ² Revised.

Table B-2: Housing Starts in the United States: Number and Percentage Distribution, by Location

Period	Total	Metropolitan area *		Region **			
		Inside	Outside	Northeast	North Central	South	West
Number of units (in thousands)							
Old series							
1956.....	1, 118. 1	779. 8	338. 3	228. 8	303. 1	334. 2	252. 0
1957.....	1, 041. 9	699. 7	342. 2	193. 5	258. 4	346. 3	241. 7
1958.....	1, 209. 4	827. 0	382. 4	210. 9	289. 6	413. 3	295. 6
1959.....	1, 378. 5	946. 1	432. 4	253. 4	318. 5	439. 0	347. 6
New series							
1959.....	1, 553. 5	1, 076. 9	476. 6	279. 7	374. 8	521. 4	377. 6
1959: October.....	123. 3	88. 7	34. 6	23. 1	30. 1	37. 9	32. 2
November.....	106. 5	74. 2	32. 3	20. 0	23. 5	37. 4	25. 6
December.....	96. 4	67. 0	29. 4	15. 2	19. 3	36. 7	25. 2
1960: January.....	88. 4	64. 5	23. 9	12. 1	17. 5	34. 7	24. 1
February.....	90. 2	65. 7	24. 5	12. 2	16. 2	35. 6	26. 2
March.....	93. 3	66. 6	26. 7	11. 5	14. 1	38. 7	29. 0
April.....	125. 2	82. 8	42. 4	21. 1	30. 2	44. 7	29. 3
May.....	130. 0	90. 8	39. 2	22. 8	34. 6	43. 6	28. 9
June.....	127. 3	83. 7	43. 6	25. 8	35. 7	37. 4	28. 4
July.....	114. 9	79. 9	35. 0	21. 4	32. 1	37. 2	24. 2
August.....	¹ 129. 6	¹ 85. 4	44. 3	¹ 24. 4	¹ 29. 2	¹ 46. 9	¹ 29. 2
September.....	¹ 102. 3	¹ 68. 4	¹ 33. 9	20. 9	27. 8	33. 9	19. 7
October.....	109. 9	75. 2	34. 7	n. a.	n. a.	n. a.	n. a.
Percent change							
October 1959-60.....	- 10. 9	- 15. 2	+ . 3	.....	.....	.....	.....
First 10 mos. 1959-60..	- 17. 7	- 18. 5	- 16. 1	¹ - 22. 2	¹ - 21. 3	¹ - 13. 9	¹ - 18. 9
Percentage distribution							
Old series							
1956.....	100	69. 7	30. 3	20. 5	27. 1	29. 9	22. 5
1957.....	100	67. 2	32. 8	18. 8	24. 8	33. 2	23. 2
1958.....	100	68. 4	31. 6	17. 4	23. 9	34. 2	24. 5
1959.....	100	68. 6	31. 4	18. 4	23. 1	33. 3	23. 2
New series							
1959.....	100	69. 3	30. 7	18. 0	24. 1	33. 6	24. 3
1959: October.....	100	71. 9	28. 1	18. 7	24. 4	30. 7	26. 1
November.....	100	69. 7	30. 3	18. 8	22. 1	35. 1	24. 0
December.....	100	69. 5	30. 5	15. 7	20. 0	38. 1	26. 2
1960: January.....	100	73. 0	27. 0	13. 7	19. 8	39. 2	27. 3
February.....	100	72. 8	27. 2	13. 5	17. 9	39. 5	29. 1
March.....	100	71. 4	28. 6	12. 3	15. 1	41. 5	31. 1
April.....	100	66. 1	33. 9	16. 9	24. 1	35. 7	23. 4
May.....	100	69. 8	30. 2	17. 5	26. 6	33. 5	22. 2
June.....	100	65. 8	34. 2	20. 3	28. 0	29. 4	22. 3
July.....	100	69. 5	30. 5	18. 6	27. 9	32. 4	21. 1
August.....	100	65. 9	¹ 34. 2	¹ 18. 8	¹ 22. 5	¹ 36. 2	¹ 22. 5
September.....	100	¹ 66. 9	33. 1	20. 4	27. 2	33. 1	19. 3
October.....	100	68. 4	31. 6	.....	.....	.....	.....

Source: Department of Commerce, Bureau of the Census. *Beginning with 1959 data, distribution is based upon the revised definitions of standard metropolitan statistical areas published in 1959 by the Bureau of the Budget in *Standard Metropolitan Statistical Areas*. **Composition of regions is shown below Table A-3. n. a.—Not yet available. ¹ First 9 months 1959-60. ² Revised.

Table B-3: New Private 1-Family Houses Started: Average Construction Cost

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual average
Old series	AVERAGE CONSTRUCTION COST												
1950.....	\$7, 625	\$7, 850	\$8, 225	\$8, 450	\$8, 450	\$8, 750	\$8, 875	\$9, 125	\$8, 900	\$9, 200	\$9, 075	\$9, 200	\$8, 675
1951.....	9, 100	9, 250	9, 175	9, 325	9, 475	9, 475	9, 400	9, 300	9, 450	9, 225	9, 250	9, 125	9, 300
1952.....	9, 050	9, 275	9, 350	9, 550	9, 575	9, 675	9, 500	9, 425	9, 600	9, 525	9, 550	9, 525	9, 475
1953.....	9, 400	9, 600	9, 800	10, 000	9, 900	10, 000	10, 125	10, 175	10, 200	10, 175	9, 975	10, 000	9, 950
1954.....	9, 750	9, 800	10, 075	10, 600	10, 850	10, 750	10, 850	10, 750	10, 675	10, 800	10, 850	11, 075	10, 625
1955.....	10, 575	11, 125	11, 250	11, 250	11, 400	11, 400	11, 475	11, 425	11, 525	11, 575	11, 575	11, 625	11, 350
1956.....	11, 325	11, 750	12, 150	12, 275	12, 300	12, 300	12, 375	12, 275	12, 325	12, 425	12, 675	12, 350	12, 225
1957.....	12, 600	12, 800	12, 950	13, 025	13, 250	13, 150	13, 050	12, 925	13, 075	13, 375	13, 000	12, 925	13, 025
1958.....	12, 775	12, 875	13, 000	13, 100	13, 150	13, 025	13, 025	12, 550	12, 925	13, 125	12, 925	12, 800	12, 950
1959.....	12, 450	12, 300	13, 250	13, 650	13, 750	13, 725	13, 550	13, 600	13, 700	13, 800	13, 700	13, 450	13, 445
1960.....	13, 600	13, 650	13, 975	13, 850									
New series													
1959.....	12, 473	12, 447	13, 219	13, 580	13, 723	13, 875	13, 578	13, 332	13, 201	13, 876	13, 484	13, 070	13, 322
1960.....	12, 991	13, 094	13, 798	14, 010	14, 008	13, 925	13, 571	13, 161	13, 924				
Percent change, 1959 to 1960													
	+ 4.2	+ 5.2	+ 4.4	+ 3.2	+ 2.1	+ . 4	- . 1	+ - 1.3	+ 5.5				

Source: Department of Commerce, Bureau of the Census. Note: The new series on average construction costs of new 1-family houses is derived in the same way as the old series, and reflects only the new level of 1-family houses started. Revised.

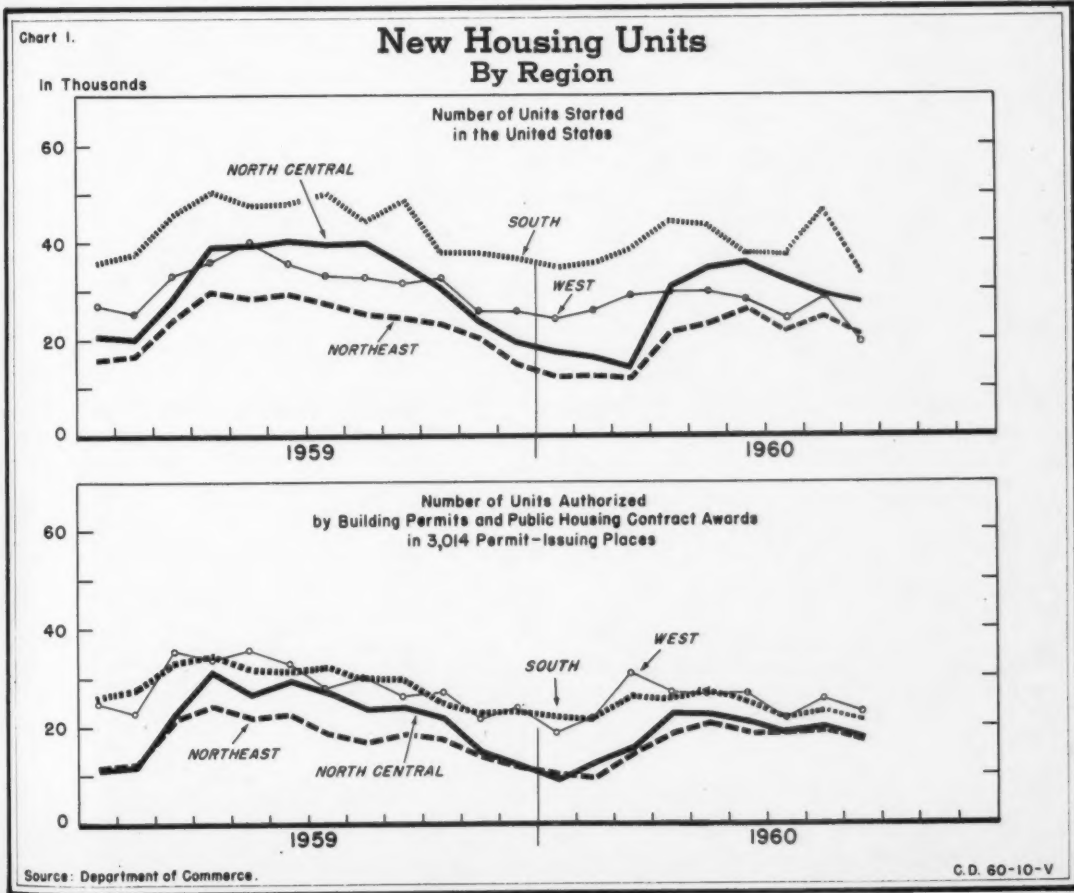


Table B-4: Housing Under Government Mortgage Insurance Programs

Period	FHA			VA			Number of starts in FHA and VA programs as a percent** of private nonfarm starts		
	Applications received*	First inspection (starts)	Mortgages insured*	Appraisal requests	First inspection (starts)	Loans closed			
	Number of dwelling units (in thousands)						Total	FHA	VA
1955.....	313.5	276.7	139.8	620.8	392.9	387.6	51	21	30
1956.....	219.4	189.3	110.9	401.5	270.7	313.5	42	17	25
1957.....	229.7	168.4	92.6	159.4	128.3	218.8	30	17	13
1958.....	395.9	295.4	157.0	234.2	102.1	94.0	35	26	9
1959.....	420.9	330.7	227.8	234.0	109.3	145.3	29	22	7
1959: October.....	27.3	26.8	20.1	16.7	9.4	11.5	31	23	8
November.....	21.5	20.3	18.0	12.2	7.9	10.9	28	20	8
December.....	27.1	20.0	18.8	11.1	6.4	12.1	29	22	7
1960: January.....	22.0	15.9	18.2	11.2	4.1	10.2	24	19	5
February.....	24.6	17.7	17.4	12.9	4.8	9.1	26	20	6
March.....	34.2	21.9	16.8	12.9	5.2	9.4	31	25	6
April.....	28.0	25.4	14.7	13.7	7.3	8.3	27	21	6
May.....	26.9	25.2	14.1	14.4	6.9	8.4	25	20	5
June.....	29.2	26.5	16.7	15.2	7.7	9.5	28	22	6
July.....	24.0	23.6	15.8	8.5	7.4	8.4	29	22	7
August.....	27.5	26.3	19.1	12.4	8.2	9.4	28	21	7
September.....	[†] 23.3	21.9	18.7	11.6	6.8	8.8	30	23	7
October.....	23.4	22.2	18.0	10.0	5.9	8.3	27	21	6
	Percent change								
October 1959-60.....	- 14.3	- 17.1	- 10.7	- 40.2	- 38.0	- 27.8	.....	.....	.....
12 mos. ending October 1959-60.....	- 26.6	- 22.2	- 7.6	- 39.4	- 31.7	- 22.1	.....	.....	.....

Source: Table compiled by Department of Commerce (BDSA) from data reported by the Housing and Home Finance Agency (FHA) and the Veterans Administration. * Excludes units under military and armed services programs. ** Percentages shown in italics are based on private nonfarm housing starts, "old series." [†] Revised.

Table B-5: Nonfarm Mortgage Recordings of \$20,000 or Less: Number and Value by Type of Lender

(Excludes Alaska and Hawaii)

Period	Number (in thousands)	Average amount (dollars)	Total amount (in millions of dollars) recorded by—						
			All lenders	Savings and loan associations	Insurance companies	Commercial banks	Mutual savings banks	Individuals	All other lenders
1955.....	3,913	7,279	28,484	10,452	1,932	5,617	1,858	3,362	5,265
1956.....	3,602	7,521	27,088	9,532	1,799	5,458	1,824	3,558	4,917
1957.....	3,246	7,469	24,244	9,217	1,472	4,264	1,430	3,554	4,307
1958.....	3,441	7,959	27,388	10,516	1,460	5,204	1,640	3,435	5,133
1959.....	3,782	8,522	32,235	13,094	1,523	5,832	1,780	3,946	6,060
1959: September.....	330	8,578	2,834	1,184	136	481	172	340	521
October.....	329	8,501	2,799	1,152	146	463	167	349	522
November.....	288	8,476	2,442	952	137	409	152	314	478
December.....	293	8,472	2,487	963	138	410	152	327	497
1960: January.....	248	8,401	2,079	777	107	343	115	310	427
February.....	259	8,292	2,149	859	103	342	103	325	417
March.....	287	8,392	2,406	983	119	377	105	355	467
April.....	282	8,389	2,366	983	108	382	106	335	452
May.....	300	8,323	2,500	1,051	114	402	120	339	474
June.....	315	8,547	2,690	1,167	119	415	138	348	503
July.....	298	8,479	2,528	1,048	116	378	145	350	491
August.....	325	8,554	2,784	1,201	123	406	158	359	537
September.....	307	8,455	2,598	1,097	111	381	145	344	520
	Percent change								
September 1959-60....	- 7	- 1	- 8	- 7	- 18	- 21	- 16	+ 1	(¹)
12 mos. ending September 1959-60....	- 7	.....	- 8	- 6	- 5	- 23	- 11	+ 5	- 6

Source: Table compiled by Department of Commerce (BDSA) from data reported by the Federal Home Loan Bank Board. ¹ Change of less than one-half of 1 percent.

Tables B-6, Publicly Owned Housing Starts, and B-7, Housing Vacancy Rates, are published quarterly in the February, May, August, and November issues.

Part C—Building Permits

See note at beginning of Part C in September 1960 issue for description of series now being presented.

Table C-1.—Summary of Private Construction Authorized by Building Permits in 10,000* Permit-Issuing Places in the United States:

Type of construction	Valuation (<i>in millions of dollars</i>)						Percent change	
	1960			September 1959	First 9 months		September 1959-60	1st 9 months 1959-60
	July	August	September		1959	1960		
All authorized construction**.....	1,802	1,975	1,719	1,853	17,237	15,470	- 7	- 10
New housing units†.....	991	1,058	967	1,163	10,661	8,902	- 17	- 17
New nonresidential buildings.....	586	677	526	488	4,645	4,621	+ 8	- 1
Industrial buildings.....	131	152	119	94	795	897	+ 27	+ 13
Office buildings.....	99	109	91	68	796	790	+ 34	- 1
Stores and other mercantile buildings	79	130	102	98	955	897	+ 4	- 6
Religious buildings.....	62	45	44	50	426	420	- 12	- 1
Residential garages.....	20	24	23	27	178	159	- 15	- 11
All other nonresidential buildings..	197	218	148	151	1,471	1,461	- 2	- 1
Additions and alterations.....	202	208	192	183	1,701	1,718	+ 5	+ 1

Source: Department of Commerce, Bureau of the Census. *Estimated data for the entire universe of more than 10,000 permit-issuing places is based upon monthly reports from about 3,500 permit-issuing places which account for more than 90 percent of total permit-authorized construction. **Includes data for new nonhousekeeping residential buildings, not shown separately. †House-keeping only.

Table C-2.—Authorized New Residential Construction in 10,000* Permit-Issuing Places in the United States: Valuation and Number, by Ownership and Type of Structure
(Housekeeping units only)

Ownership and type of structure	Valuation (<i>in millions of dollars</i>)					Number of housing units				
	1960		Septem- ber 1959	First 9 months		1960		Septem- ber 1959	First 9 months	
	August	Septem- ber		1959	1960	August	Septem- ber		1959	1960
All new housing units.....	1,094	990	1,207	10,925	9,148	96,674	86,720	106,051	988,160	803,964
Private (permit author- ized).....	1,058	967	1,163	10,661	8,902	93,507	84,803	102,492	964,398	782,500
1-family.....	886	793	990	9,130	7,498	70,077	62,423	80,342	750,927	595,520
2-family.....	29	25	172	1,530	132	3,721	3,207	22,150	213,471	31,839
3-4 family.....	15	14				1,948	2,003			
5-or-more family....	129	135				17,761	17,170			
Public (contract awards)	35	23	44	264	246	3,167	1,917	3,559	23,762	21,464

See footnotes to table C-1 above.

(19)

Table C-3.—Authorized New Residential Construction in 3,014 Permit-Issuing Places in the United States: Valuation and Number, by Region, Ownership and Type of Structure

(Housekeeping units only)

	Valuation (in millions of dollars)					Number of units				
	1960		September	First 9 months		1960		September	First 9 months	
	August	Sept.	1959	1959	1960	August	Sept.	1959	1959	1960
UNITED STATES										
All new housing units..	994.9	896.1	1,115.2	10,097.4	8,348.9	88,141	79,396	98,343	917,197	735,945
Private (permit au-										
thorized)	960.8	875.3	1,076.2	9,866.1	8,121.0	85,087	77,663	95,251	896,545	716,821
1-family	796.4	705.2	908.7	8,378.2	6,763.2	62,957	55,843	73,715	688,992	536,780
2-4 family	41.8	35.3	167.5	1,487.9	354.8	5,409	4,650	21,536	207,555	46,561
5-or-more-family	122.7	134.8								
Public (contract										
awards)	34.1	20.8	39.0	231.3	227.8	3,054	1,733	3,092	20,652	19,124
Northeast										
All new housing units..	216.2	200.6	217.1	1,838.3	1,647.8	19,360	17,450	18,787	166,994	144,299
Private	193.6	185.3	206.3	1,746.0	1,539.1	17,400	16,224	17,920	158,508	135,340
1-family	141.7	126.2	152.7	1,326.8	1,129.0	10,788	9,748	12,118	107,165	86,336
2-4 family	10.8	9.0	53.6	419.1	96.6	1,433	1,193	5,802	51,343	12,240
5-or-more-family	41.0	50.1								
Public	22.6	15.3	10.8	92.3	108.7	1,960	1,226	867	8,486	8,959
North Central										
All new housing units..	262.0	229.2	310.6	2,684.0	2,064.9	19,921	17,895	23,903	207,185	158,238
Private	256.3	225.5	307.1	2,652.1	2,013.1	19,435	17,559	23,687	204,622	153,694
1-family	226.7	199.0	277.2	2,377.5	1,783.7	16,159	14,321	20,313	172,676	126,695
2-4 family	11.3	8.1	29.9	274.3	87.0	1,198	878	3,374	31,946	8,959
5-or-more-family	18.4	18.4								
Public	5.7	3.7	3.6	32.0	51.8	486	336	216	2,563	4,544
South										
All new housing units..	230.5	211.9	293.2	2,711.7	2,170.3	23,163	20,981	29,393	273,930	211,403
Private	226.1	211.1	283.3	2,661.8	2,134.9	22,685	20,891	28,331	268,354	207,828
1-family	200.5	188.7	250.8	2,417.4	1,942.0	18,436	16,986	23,201	226,878	174,931
2-4 family	4.9	4.6	32.5	244.5	48.6	915	797	5,130	41,476	8,786
5-or-more-family	20.6	17.9								
Public	4.4	.8	9.9	49.9	35.4	478	90	1,062	5,576	3,575
West										
All new housing units..	286.2	254.3	294.3	2,863.5	2,465.7	25,697	23,070	26,260	269,088	222,005
Private	284.8	253.3	279.5	2,806.4	2,433.8	25,567	22,989	25,313	265,061	219,959
1-family	227.5	191.4	228.0	2,256.7	1,908.6	17,574	14,788	18,083	182,250	148,818
2-4 family	14.8	13.5	51.6	549.8	122.5	1,863	1,782	7,230	82,811	16,576
5-or-more-family..	42.6	48.4								
Public	1.4	1.0	14.8	57.1	31.9	130	81	947	4,027	2,046

Source: Department of Commerce, Bureau of the Census.

*Composition of regions is shown below table A-3.

Table C-4.—Private Construction Authorized by Building Permits in 3,014 Permit-Issuing Places in the United States: Valuation, by Region* and Type of Construction

(Millions of dollars)

Type of construction	1960			Sept. 1959	First 9 months		Percent change, 1st 9 mos. 1959-60
	July	August	Sept.		1959	1960	
UNITED STATES							
All authorized private construction**	1,582.5	1,734.2	1,552.3	1,693.1	15,746.5	13,922.5	- 12
New housing units†	887.8	960.8	875.3	1,076.2	9,866.1	8,121.0	- 18
New nonresidential buildings	498.7	557.1	478.9	439.2	4,046.6	4,241.4	+ 5
Industrial buildings	91.1	76.7	113.9	84.3	715.2	725.4	+ 1
Office buildings	94.9	102.2	84.0	60.9	715.6	728.0	+ 2
Service stations and repair garages	9.5	11.7	10.1	Not available		89.5	.....
Stores and other mercantile buildings	73.5	117.6	94.1	88.4	860.0	842.1	- 2
Religious buildings	39.9	41.8	35.8	45.2	383.8	333.3	- 13
Educational buildings	51.5	46.9	31.4	Not available		344.3	.....
Hospitals and other institutional buildings	24.5	37.6	26.8	Not available		266.3	.....
Amusement buildings	14.0	20.5	12.5	Not available		155.9	.....
Residential garages	17.1	20.4	19.3	24.1	157.3	136.8	- 13
All other nonresidential buildings	82.6	81.7	51.3	Not available		620.1	.....
Additions and alterations	173.6	185.4	165.7	159.7	1,488.6	1,495.8	(1)
Northeast							
All authorized private construction**	342.5	348.1	329.2	343.3	3,053.7	2,775.6	- 9
New housing units †	195.9	193.6	185.3	206.3	1,746.0	1,539.1	- 12
New nonresidential buildings	108.0	112.0	92.8	102.9	955.8	917.7	- 4
Industrial buildings	19.9	17.5	36.5	26.6	141.1	171.5	+22
Office buildings	13.3	31.1	8.8	7.9	269.4	170.0	- 37
Service stations and repair garages	1.1	1.5	1.4	Not available		11.7	.....
Stores and other mercantile buildings	12.6	22.2	16.9	14.6	138.2	145.8	+ 5
Religious buildings	8.9	4.1	6.6	8.3	77.9	61.5	- 21
Educational buildings	26.5	16.6	4.7	Not available		133.7	.....
Hospitals and other institutional buildings	11.1	4.0	4.1	Not available		70.7	.....
Amusement buildings	2.9	3.0	1.5	Not available		36.6	.....
Residential garages	3.0	3.3	3.2	4.2	26.7	23.3	- 13
All other nonresidential buildings	8.7	8.7	9.0	Not available		92.8	.....
Additions and alterations	31.7	34.0	33.2	32.1	296.6	292.3	- 1
North Central							
All authorized private construction**	438.1	469.9	431.2	472.0	4,120.5	3,504.0	- 15
New housing units †	239.5	256.3	225.5	307.1	2,652.1	2,013.1	- 24
New nonresidential buildings	146.1	157.1	157.8	118.0	971.9	1,108.1	+ 14
Industrial buildings	28.2	28.5	33.7	19.4	229.8	213.0	- 7
Office buildings	7.8	24.5	29.0	8.9	102.7	146.0	+ 42
Service stations and repair garages	3.5	4.2	3.2	Not available		27.6	.....
Stores and other mercantile buildings	17.1	29.0	21.4	25.3	191.1	185.1	- 3
Religious buildings	10.0	16.3	11.7	13.5	106.0	98.0	- 8
Educational buildings	18.4	18.2	17.0	Not available		117.4	.....
Hospitals and other institutional buildings	9.2	11.9	11.4	Not available		70.6	.....
Amusement buildings	3.2	1.9	3.4	Not available		29.4	.....
Residential garages	10.3	12.2	11.7	15.1	91.4	76.3	- 17
All other nonresidential buildings	38.4	10.4	15.2	Not available		144.6	.....
Additions and alterations	48.8	51.3	44.6	40.9	373.6	374.3	(1)

See footnotes at end of table.

Table C-4.—Private Construction Authorized by Building Permits in 3,014 Permit-Issuing Places in the United States: Valuation, by Region* and Type of Construction—Con.

(Millions of dollars)

Type of construction	1960			Sept. 1959	First 9 months		Percent change, 1st 9 mos. 1959-60
	July	August	Sept.		1959	1960	
South							
All authorized private construction**.....	396.4	432.0	368.1	438.9	4,263.7	3,690.4	- 13
New housing units†	205.9	226.1	211.1	283.3	2,661.8	2,134.9	- 20
New nonresidential buildings	139.4	149.0	108.3	107.1	1,118.1	1,138.9	+ 2
Industrial buildings.....	17.6	14.3	28.7	13.3	142.7	153.7	+ 8
Office buildings.....	51.1	22.5	14.8	24.3	161.9	211.4	+ 31
Service stations and repair garages.....	2.9	3.2	2.8	Not available		26.9	.....
Stores and other mercantile buildings	25.7	29.5	28.0	25.5	314.4	271.6	- 14
Religious buildings.....	12.5	13.8	12.4	15.2	121.3	115.3	- 5
Educational buildings.....	3.5	10.5	4.6	Not available		62.1	.....
Hospitals and other institutional buildings.....	1.4	7.9	2.4	Not available		57.1	.....
Amusement buildings	3.9	4.3	3.4	Not available		42.7	.....
Residential garages	1.7	1.8	1.9	2.0	16.2	16.2	0
All other nonresidential buildings	19.1	41.2	9.3	Not available		181.7	.....
Additions and alterations.....	44.9	51.1	42.8	44.5	407.0	404.9	- 1
West							
All authorized private construction**.....	405.6	484.1	423.7	438.9	4,308.6	3,951.3	- 8
New housing units†	246.5	284.8	253.3	279.5	2,806.4	2,433.8	- 13
New nonresidential buildings	105.2	139.1	120.1	111.3	1,000.9	1,076.9	+ 8
Industrial buildings.....	25.3	16.5	15.0	24.9	201.4	187.3	- 7
Office buildings.....	22.7	24.1	31.4	19.8	181.6	200.6	+ 10
Service stations and repair garages.....	2.0	2.8	2.7	Not available		23.0	.....
Stores and other mercantile buildings	18.2	37.0	27.8	23.1	216.4	239.6	+ 11
Religious buildings.....	8.5	7.5	5.0	8.1	78.4	58.3	- 26
Educational buildings.....	3.1	1.6	5.1	Not available		31.1	.....
Hospitals and other institutional buildings.....	2.8	13.8	8.9	Not available		67.9	.....
Amusement buildings	4.0	11.3	4.1	Not available		47.1	.....
Residential garages	2.1	3.1	2.5	2.8	23.0	21.1	- 8
All other nonresidential buildings	16.5	21.4	17.5	Not available		200.9	.....
Additions and alterations.....	48.2	49.0	45.0	42.2	411.5	424.1	+ 3

Source: Department of Commerce, Bureau of the Census. * Composition of region is shown below table A-3. ** Includes data for new nonhousekeeping residential buildings, not shown separately. † Housekeeping only. ‡ Change of less than one-half of 1 percent.

Table C-5.—New Private Nonresidential Building Construction Authorized by Building Permits in 3,014 Permit-Issuing Places in the United States: Number for Selected Types of Buildings

Type of building	1960								
	Jan.	Feb.	Mar.	Apr.	May	June	July	August	September
Industrial buildings	861	919	1,159	1,282	1,196	1,115	1,016	1,073	1,087
Office buildings	520	549	763	712	734	745	641	758	761
Service stations and repair garages	502	505	659	792	666	684	609	787	715
Stores and other mercantile buildings	1,775	1,874	2,375	2,666	2,477	2,541	2,003	2,200	2,112
Religious buildings	310	350	403	464	531	544	500	512	481
Educational buildings	74	93	128	141	162	169	282	245	150
Hospitals and other institutional buildings	44	63	86	80	121	136	77	102	107
Amusement buildings	164	168	263	395	377	423	279	281	96
Residential garages	4,678	5,210	7,903	18,544	19,779	18,973	16,435	19,683	18,736

Source: Department of Commerce, Bureau of the Census.

Table C-6.—Private Construction Authorized by Building Permits in 3,014 Permit-Issuing Places in the United States: Valuation, by State

State	Valuation (in millions of dollars)						Percent change	
	1960			Sept. 1959	First 9 months		September 1959-60	1st 9 months 1959-60
	July	August	Sept.		1959	1960		
All States	1,582.5	1,734.2	1,552.3	1,693.1	15,746.5	13,922.5	- 8	- 12
Alabama	13.0	15.4	15.9	14.6	167.2	137.1	+ 9	- 18
Alaska	1.6	5.7	1.3	1.2	10.3	16.1	+ 8	+ 56
Arizona	22.5	26.2	26.3	24.0	234.2	233.6	+ 10	(¹)
Arkansas	4.0	5.6	5.0	3.8	41.8	46.6	+32	+ 11
California	273.2	319.7	278.5	283.0	2,885.6	2,655.4	- 2	- 8
Colorado	23.6	23.4	28.1	25.7	229.0	197.5	+ 9	- 14
Connecticut	35.6	28.3	29.5	33.5	271.1	265.1	- 12	- 2
Delaware	8.6	7.4	4.2	5.7	50.4	44.3	- 26	- 12
District of Columbia	2.7	3.0	3.4	6.6	43.5	38.3	- 48	- 12
Florida	75.8	83.1	76.3	100.1	897.6	809.3	- 24	- 10
Georgia	23.0	24.9	26.6	27.4	257.3	237.1	- 3	- 8
Hawaii	12.2	12.5	15.6	16.4	124.4	125.9	- 5	+ 1
Idaho	3.5	2.6	2.8	3.3	31.9	25.6	- 15	- 20
Illinois	100.2	100.5	111.8	118.1	953.4	834.1	- 5	- 13
Indiana	27.2	28.3	30.9	28.4	308.5	258.1	+ 9	- 16
Iowa	14.6	19.1	14.1	14.7	143.8	114.7	- 4	- 20
Kansas	10.9	11.6	13.3	11.1	126.7	97.5	+ 20	- 23
Kentucky	11.2	11.2	8.8	13.7	130.3	102.4	- 36	- 21
Louisiana	17.4	20.5	17.7	19.8	232.4	189.7	- 11	- 18
Maine	2.8	3.4	4.7	6.6	30.8	28.0	- 29	- 9
Maryland	31.2	60.4	27.7	40.0	432.9	332.8	- 31	- 23
Massachusetts	42.2	48.1	34.1	40.6	393.7	328.7	- 16	- 17
Michigan	69.4	57.0	55.0	67.7	595.5	500.5	- 19	- 16
Minnesota	25.5	47.8	29.7	34.0	268.2	232.2	- 13	- 13
Mississippi	5.6	4.8	6.7	3.7	39.4	50.5	+ 81	+ 28
Missouri	54.4	31.8	36.2	33.9	331.6	276.2	+ 7	- 17
Montana	3.1	2.5	3.9	4.5	30.1	26.1	- 13	- 13
Nebraska	9.2	9.9	10.1	10.5	67.8	68.3	- 4	+ 1
Nevada	7.3	7.6	8.6	6.3	56.2	73.8	+ 37	+ 31
New Hampshire	3.1	3.4	2.6	4.0	30.6	23.1	- 35	- 25
New Jersey	55.5	57.7	69.8	54.8	517.8	492.8	+ 27	- 5
New Mexico	5.8	7.6	7.1	9.5	91.3	66.4	- 25	- 27
New York	149.8	154.1	143.8	147.1	1,286.8	1,166.6	- 2	- 9
North Carolina	17.8	18.9	16.4	17.1	168.0	170.1	- 4	+ 1
North Dakota	3.9	3.7	4.5	5.4	34.0	29.2	- 17	- 14
Ohio	89.0	114.7	96.3	106.0	946.6	808.0	- 9	- 15
Oklahoma	10.2	13.2	10.9	13.5	142.3	110.2	- 19	- 23
Oregon	15.9	30.2	15.9	16.9	149.0	160.7	- 6	+ 8
Pennsylvania	47.6	45.5	39.5	50.2	470.8	416.5	- 21	- 12
Rhode Island	5.2	6.9	5.0	5.7	44.6	50.6	- 12	+ 13
South Carolina	4.9	4.3	3.6	8.0	93.3	46.7	- 55	- 50
South Dakota	2.4	5.3	3.0	3.1	28.4	25.0	- 3	- 12
Tennessee	16.3	20.6	16.5	15.6	166.3	158.4	+ 6	- 5
Texas	113.8	95.7	87.4	101.9	967.3	828.3	- 14	- 14
Utah	8.6	11.3	9.5	11.8	110.9	86.4	- 19	- 22
Vermont .....	.6	.7	.3	.9	7.6	5.1	- 67	- 33
Virginia	36.7	39.0	36.9	43.1	395.8	352.0	- 14	- 11
Washington	25.8	31.4	24.2	34.2	336.7	261.6	- 29	- 22
West Virginia	3.9	4.2	4.0	4.2	37.6	36.8	- 5	- 2
Wisconsin	31.6	40.1	26.4	39.2	316.1	260.1	- 33	- 18
Wyoming	2.5	3.3	2.1	2.0	18.6	22.4	+ 5	+ 20

Source: Department of Commerce, Bureau of the Census. ¹ Change of less than one-half of 1 percent.

Table C-7.—Number of Housekeeping Units in Authorized* New Residential Construction in 3,014 Permit-Issuing Places in the United States, by State

State	Number of housekeeping units						Percent change	
	1960			Sept. 1959	First 9 months		September 1959-60	1st 9 months 1959-60
	July	August	Sept.		1959	1960		
All states.....	79,690	88,141	79,396	98,343	917,197	735,945	- 19	- 20
Alabama.....	1,071	938	889	1,863	15,077	8,818	- 52	- 42
Alaska.....	23	53	45	33	181	284	+ 36	+ 57
Arizona.....	1,332	1,762	1,776	1,906	18,209	16,792	- 7	- 8
Arkansas.....	211	259	228	257	2,418	2,345	- 11	- 3
California.....	14,511	17,604	15,246	17,584	184,260	150,453	- 13	- 18
Colorado.....	1,504	1,666	1,637	1,175	12,688	12,778	+ 39	+ 1
Connecticut.....	1,187	1,387	1,250	1,598	14,413	12,079	- 22	- 16
Delaware.....	149	430	254	74	1,648	2,100	+ 243	+ 27
District of Columbia.....	66	24	80	40	614	1,291	+ 100	+ 110
Florida.....	4,888	5,431	4,689	7,778	68,051	53,149	- 40	- 22
Georgia.....	1,401	1,460	1,656	2,167	18,700	15,854	- 24	- 15
Hawaii.....	782	602	749	779	7,827	6,669	- 4	- 15
Idaho.....	133	105	135	167	1,410	1,040	- 19	- 26
Illinois.....	3,988	3,969	3,748	5,122	45,552	35,315	- 27	- 22
Indiana.....	1,523	1,275	1,357	1,577	15,615	11,916	- 14	- 24
Iowa.....	600	690	556	686	6,735	5,067	- 19	- 25
Kansas.....	539	745	668	621	6,635	4,706	+ 8	- 29
Kentucky.....	657	487	575	1,043	7,374	5,620	- 45	- 24
Louisiana.....	776	961	737	1,198	13,312	8,499	- 38	- 36
Maine.....	150	162	168	247	1,348	1,136	- 32	- 16
Maryland.....	2,051	1,973	1,655	1,942	21,766	16,808	- 15	- 23
Massachusetts.....	1,821	1,860	1,630	1,912	15,689	14,840	- 15	- 5
Michigan.....	2,701	2,584	2,317	3,514	29,638	21,797	- 34	- 26
Minnesota.....	1,075	1,228	1,379	1,601	12,900	9,521	- 14	- 26
Mississippi.....	656	405	507	201	3,005	3,966	+ 152	+ 32
Missouri.....	1,741	1,628	1,553	1,992	20,107	13,339	- 22	- 34
Montana.....	90	162	171	138	1,283	1,146	+ 24	- 11
Nebraska.....	556	567	577	778	4,594	4,272	- 26	- 7
Nevada.....	500	354	530	364	2,720	3,986	+ 46	+ 47
New Hampshire.....	147	184	143	186	1,576	1,157	- 23	- 27
New Jersey.....	2,837	4,002	2,995	3,369	31,885	27,068	- 11	- 15
New Mexico.....	491	374	408	669	6,565	3,950	- 39	- 40
New York.....	9,508	8,765	8,376	8,500	74,770	63,145	- 1	- 16
North Carolina.....	883	966	977	955	9,636	8,094	+ 2	- 16
North Dakota.....	239	184	172	318	1,967	1,281	- 46	- 35
Ohio.....	4,134	5,566	3,959	5,551	46,100	37,500	- 29	- 19
Oklahoma.....	558	795	525	832	7,653	6,009	- 37	- 21
Oregon.....	667	796	774	905	7,107	6,993	- 14	- 2
Pennsylvania.....	2,567	2,417	2,558	2,531	24,512	21,878	+ 1	- 11
Rhode Island.....	308	560	312	379	2,470	2,811	- 18	+ 14
South Carolina.....	208	221	205	191	2,996	2,050	+ 7	- 32
South Dakota.....	105	122	128	190	1,461	988	- 33	- 32
Tennessee.....	982	1,418	1,272	1,154	13,359	11,247	+ 10	- 16
Texas.....	3,848	4,700	4,278	6,360	59,410	42,667	- 33	- 28
Utah.....	525	585	392	708	6,037	4,722	- 45	- 22
Vermont.....	16	23	18	65	331	185	- 72	- 44
Virginia.....	2,159	2,564	2,331	3,147	27,279	21,667	- 26	- 21
Washington.....	1,169	1,421	1,090	1,730	19,517	11,937	- 37	- 39
West Virginia.....	187	131	123	191	1,632	1,219	- 36	- 25
Wisconsin.....	1,323	1,363	1,481	1,953	15,881	12,536	- 24	- 21
Wyoming.....	147	213	117	102	1,284	1,255	+ 15	- 2

Source: Department of Commerce, Bureau of the Census.

*In building permits and public housing contract awards.

Table C-8.—Private Construction Authorized by Building Permits in Selected Permit-Issuing Places in Selected Metropolitan Areas*

Metropolitan area	Valuation (in millions of dollars)								
	1960								
	Jan.	Feb.	Mar.	Apr.	May	June	July	August	September
Atlanta, Ga.....	15.3	13.0	19.6	18.5	25.3	19.8	13.3	16.7	18.5
Baltimore, Md.....	19.4	11.4	21.2	15.9	21.6	19.8	14.9	13.4	12.7
Birmingham, Ala.....	4.2	8.8	6.1	5.9	8.8	7.1	5.8	6.9	6.4
Boston, Mass.....	18.0	19.4	15.8	23.2	23.1	24.6	24.3	30.9	20.4
Buffalo, N. Y.....	5.6	3.9	4.5	9.7	10.6	9.7	8.5	12.0	10.5
Chicago, Ill.....	36.7	50.3	60.8	84.3	100.9	93.6	83.1	79.0	96.1
Cleveland, Ohio.....	9.8	20.7	17.8	29.1	33.4	28.2	25.5	43.2	30.2
Columbus, Ohio.....	4.9	5.7	11.1	8.9	15.0	8.7	10.3	11.3	9.1
Denver, Colo.....	10.3	10.7	15.1	18.3	22.7	16.5	18.7	18.1	24.7
Detroit, Mich.....	18.8	24.7	30.9	34.3	35.7	40.3	43.0	31.5	28.3
Indianapolis, Ind.....	5.6	5.6	6.0	11.4	9.3	8.1	7.6	4.8	10.6
Los Angeles-Long Beach, Calif..	99.7	117.0	182.0	131.5	136.2	167.2	129.4	148.9	117.5
Miami, Fla.....	14.9	18.8	17.4	18.3	16.4	41.0	15.5	18.9	14.0
Milwaukee, Wis.....	7.0	12.4	12.9	16.4	14.5	14.5	15.4	17.9	9.8
New York, N. Y.....	63.7	59.0	82.4	90.5	187.1	89.0	119.7	110.6	112.0
Philadelphia, Pa.....	17.9	17.3	34.4	40.6	28.8	38.6	26.4	29.1	27.6
Phoenix, Ariz.....	14.3	14.1	24.2	18.6	18.5	20.4	18.2	20.2	20.9
San Diego, Calif.....	31.5	25.1	33.1	26.9	24.7	18.4	21.6	29.2	20.7
San Francisco-Oakland, Calif....	30.9	36.2	48.7	49.0	48.2	44.6	38.1	47.3	44.0
Seattle, Wash.....	12.6	12.6	21.2	15.4	19.2	17.1	14.0	19.0	12.3
Washington, D. C.....	20.3	19.3	33.0	38.1	35.7	30.5	25.6	57.6	23.3

Source: Department of Commerce, Bureau of the Census.
Budget, 1959.*As defined in *Standard Metropolitan Statistical Areas*, Bureau of the

Table C-9.—Number of Housekeeping Units in Authorized* New Residential Construction in Selected Permit-Issuing Places in Selected Metropolitan Areas**

Metropolitan area	Number of housekeeping units								
	1960								
	Jan.	Feb.	Mar.	Apr.	May	June	July	August	September
Atlanta, Ga.....	822	925	1,129	1,168	2,080	1,201	909	813	1,162
Baltimore, Md.....	701	396	880	652	627	576	611	454	593
Birmingham, Ala.....	240	316	332	339	464	624	320	324	282
Boston, Mass.....	765	1,091	532	868	807	893	882	833	812
Buffalo, N. Y.....	163	135	236	470	475	460	368	582	351
Chicago, Ill.....	1,634	2,325	3,384	3,652	4,752	3,531	3,329	3,166	2,873
Cleveland, Ohio.....	435	671	704	1,316	1,295	1,249	828	1,863	994
Columbus, Ohio.....	250	343	342	350	814	581	424	482	301
Denver, Colo.....	866	746	1,073	1,130	1,383	1,066	1,260	1,386	1,419
Detroit, Mich.....	770	1,270	1,260	1,593	1,674	1,596	1,475	1,407	1,257
Indianapolis, Ind.....	204	270	355	587	522	479	556	163	456
Los Angeles-Long Beach, Calif....	5,221	6,428	8,543	7,932	7,351	8,151	5,732	7,437	6,412
Miami, Fla.....	847	998	1,086	1,052	861	1,214	749	1,013	757
Milwaukee, Wis.....	300	554	738	1,144	982	607	599	692	545
New York, N. Y.....	4,086	2,630	4,350	5,806	8,650	4,964	6,533	6,575	6,463
Philadelphia, Pa.....	1,093	942	1,989	1,968	1,985	1,676	1,866	1,383	1,742
Phoenix, Ariz.....	1,148	1,251	2,089	1,328	1,465	1,628	1,113	1,448	1,501
San Diego, Calif.....	1,978	1,601	2,186	1,735	1,152	854	1,139	902	996
San Francisco-Oakland, Calif....	1,763	2,068	2,539	2,411	3,078	2,445	2,019	2,780	2,144
Seattle, Wash.....	489	597	845	755	635	633	561	845	532
Washington, D.C.....	1,092	1,055	1,687	2,121	2,762	1,450	1,779	1,959	1,474

Source: Department of Commerce, Bureau of the Census.

*In building permits and public housing contract awards.

**As defined

in *Standard Metropolitan Statistical Areas*, Bureau of the Budget, 1959.

Table C-10.—Private Construction Authorized by Building Permits in Selected Permit-Issuing Places in Selected Metropolitan Areas*: Valuation for the Current Year, by Type of Construction

First 9 months (Millions of dollars)

Type of construction	Atlanta, Ga.	Baltimore, Md.	Birmingham, Ala.	Boston, Mass.	Buffalo, N. Y.	Chicago, Ill.	Cleveland, Ohio
All authorized private construction**	160.0	150.3	60.0	199.7	75.0	684.8	237.9
New housing units †.....	94.1	69.6	26.4	86.6	40.5	370.1	148.5
New nonresidential buildings.....	48.7	57.8	19.3	78.6	23.2	232.7	65.6
Industrial buildings.....	10.4	10.8	3.1	12.6	6.0	53.7	13.1
Office buildings.....	10.9	5.5	4.0	14.6	2.0	46.4	6.6
Service stations and repair garages.....	1.3	.7	.2	.5	.8	4.5	1.2
Stores and other mercantile buildings.....	7.1	11.2	5.2	8.8	4.2	35.8	10.0
Religious buildings.....	9.2	5.0	2.4	6.8	1.6	14.0	2.6
Educational buildings.....	3.3	8.6	1.3	20.4	1.9	23.2	18.9
Hospitals and other inst. bldgs..	1.8	6.2	1.4	7.2	.1	20.0	.3
Amusement buildings.....	1.5	3.0	1.0	3.5	1.5	5.1	2.1
Residential garages.....	.1	.5	.2	.8	2.6	14.7	4.7
All other nonresidential bldgs..	3.0	6.2	.4	3.4	2.4	15.3	6.1
Additions and alterations.....	15.7	20.7	10.3	31.2	10.4	72.0	23.6
	Columbus, Ohio	Denver, Colo.	Detroit, Mich.	Indian- apolis, Ind.	Los Angeles- Long Beach, Calif.	Miami, Fla.	Milwaukee, Wis.
All authorized private construction **	85.0	155.1	287.5	69.0	1,229.4	175.2	120.8
New housing units †.....	54.8	103.5	164.2	41.3	732.2	107.2	67.9
New nonresidential buildings.....	21.7	37.5	89.2	20.5	331.9	41.4	35.3
Industrial buildings.....	4.0	6.8	19.7	2.5	68.7	6.9	9.1
Office buildings.....	3.1	10.7	6.8	2.5	70.1	2.6	5.4
Service stations, etc.....	.6	.7	2.6	.4	4.5	1.2	.9
Stores, etc.....	6.3	7.2	15.5	6.1	72.9	13.1	4.7
Religious buildings.....	2.7	1.8	6.0	.7	12.8	2.4	2.5
Educational buildings.....	1.7	1.6	2.6	5.4	4.2	1.3	5.9
Hospitals, etc.....	1.2	2.2	5.5	.1	15.5	3.5	2.1
Amusement buildings.....	.2	.9	2.8	.3	18.0	2.0	.3
Residential garages.....	1.6	1.6	14.5	.8	4.8	.8	2.9
All other nonresidential bldgs...	.3	3.8	13.0	1.3	60.3	7.3	1.4
Additions and alterations.....	8.0	14.0	32.6	6.0	152.4	21.4	15.4
	New York, N. Y.	Philadel- phia, Pa.	Phoenix, Ari z.	San Diego, Calif.	San Francisco- Oakland, Calif.	Seattle, Wash.	Washington, D. C.
All authorized private construction**..	914.0	260.7	169.4	231.2	387.0	143.4	283.4
New housing units †.....	513.3	150.4	114.3	155.0	232.1	81.2	177.0
New nonresidential buildings.....	301.3	83.9	39.2	58.9	95.1	39.0	83.7
Industrial buildings.....	29.2	19.3	3.8	4.8	19.7	10.8	3.3
Office buildings.....	112.9	8.2	13.3	5.5	16.4	4.1	19.2
Service stations, etc.....	2.2	1.6	.9	.8	1.3	1.0	1.0
Stores, etc.....	28.8	19.0	7.9	22.1	18.2	6.9	10.5
Religious buildings.....	16.1	6.5	2.8	2.6	7.4	2.2	6.7
Educational buildings.....	42.2	9.6	.2	.9	2.3	1.5	2.7
Hospitals, etc.....	39.7	2.3	.4	6.4	12.7	4.9	4.1
Amusement buildings.....	12.0	2.3	.9	3.0	4.6	3.0	2.7
Residential garages.....	4.4	1.5	.1	1.9	1.3	.7	.3
All other nonresidential bldgs..	13.8	7.7	10.4	10.9	11.0	3.7	33.2
Additions and alterations.....	70.3	27.8	13.3	15.9	54.5	19.1	19.8

Source: Department of Commerce, Bureau of the Census. *As defined in *Standard Metropolitan Statistical Areas*, Bureau of the Budget, 1959. **Includes data on new nonhousekeeping residential buildings, not shown separately.

Part D.—Contract Awards

Table D-1: Contract Awards: Public Construction, Value, by Ownership and Type of Construction*
(Millions of dollars)

Period	All public construction			Federally owned				
	Total	Federally owned	State and locally owned	Residential buildings	Nonresidential buildings			
					Total	Educational	Hospital and institutional	Administrative and service
1955.....	9,000.5	1,556.0	7,444.5	61.4	885.5	21.6	77.5	66.7
1956.....	10,423.1	2,088.3	8,334.8	136.0	924.3	27.1	43.9	87.3
1957.....	11,473.8	2,317.3	9,156.5	406.2	776.5	48.4	78.9	148.3
1958.....	13,508.1	2,959.4	10,548.7	592.0	987.7	51.7	95.2	183.9
1959.....	11,595.7	2,484.8	9,110.9	271.4	885.7	64.1	59.3	199.0
1959: September.....	823.4	150.1	673.3	26.2	53.4	25.8	.3	18.1
October.....	889.2	192.9	696.3	30.2	40.3	1.7	4.1	13.8
November.....	831.0	170.0	661.0	3.3	64.7	4.9	0	5.0
December.....	830.2	193.8	636.4	.2	35.6	1.2	1.3	6.1
1960: January.....	738.7	136.4	602.3	13.0	35.7	2.5	3.2	4.8
February.....	813.6	162.0	651.6	2.2	65.6	.4	1.7	18.3
March.....	1,140.1	221.2	918.9	15.0	116.7	4.1	1.0	70.3
April.....	1,076.8	166.3	910.5	7.8	45.7	4.5	.9	2.6
May.....	1,117.3	176.9	940.4	26.7	27.5	2.3	.6	5.5
June.....	1,424.2	332.3	1,091.9	28.6	108.7	4.0	27.7	10.2
July.....	1,133.1	59.4	1,073.7	10.7	20.7	.8	.3	8.9
August.....	1,048.9	98.7	950.2	26.9	19.5	.1	1.2	6.7
September.....	1,067.5	171.9	895.6	58.2	49.1	1.1	3.5	19.0
Percent change, first 9 months 1959-60								
	+ 6	- 21	+ 13	- 20	- 34	- 65	- 26	- 16
Period	Federally owned—Con.							
	Nonresidential buildings—Con.					Airfields**	Conservation and development	Highways
	Other nonresidential buildings							
	Total	Airfield buildings	Troop housing	Warehouses	All other			
1955.....	719.7	103.8	54.1	84.0	477.8	157.4	271.9	58.5
1956.....	766.0	76.2	123.2	63.3	503.3	155.9	539.0	91.8
1957.....	500.9	98.9	60.9	35.0	306.1	182.2	563.8	91.5
1958.....	656.9	196.7	89.3	36.5	334.4	475.6	475.2	95.5
1959.....	563.3	179.2	45.6	22.1	316.4	333.4	528.5	85.9
1959: September.....	9.2	0	0	.2	9.0	8.6	26.0	9.1
October.....	20.7	1.2	.1	.2	19.2	4.6	22.8	5.0
November.....	54.8	2.0	.1	1.0	51.7	14.8	59.4	22.0
December.....	27.0	10.1	.7	3.6	12.6	66.3	63.6	6.2
1960: January.....	25.2	3.7	5.0	1.1	15.4	37.4	32.4	9.7
February.....	45.2	15.3	4.6	.3	25.0	40.4	33.6	5.7
March.....	41.3	7.2	6.4	.6	27.1	34.5	16.5	16.1
April.....	37.7	13.2	4.8	2.4	17.3	47.2	45.7	8.5
May.....	19.1	8.3	2.3	1.8	6.7	28.9	58.5	16.1
June.....	66.8	8.3	2.3	3.1	53.1	69.6	53.1	13.2
July.....	10.7	.5	.4	.6	9.2	3.1	7.8	10.8
August.....	11.5	2.9	0	.9	7.7	6.0	22.5	9.8
September.....	25.5	3.3	.6	.7	20.9	5.1	18.6	11.2
Percent change, first 9 months 1959-60								
	- 39	- 62	- 41	- 34	- 22	+ 10	- 25	+ 92

See footnotes at end of table.

Table D-1: Contract Awards: Public Construction, Value, by Ownership and Type of Construction*-Con.
(Millions of dollars)

Period	Federally owned-Con.			State and locally owned				
	Electric power	All other**	Residential buildings	Nonresidential buildings				Other
				Total	Educational	Hospital and institutional	Administrative and service	
1955.....	43.5	77.8	210.1	2,851.4	2,107.2	195.3	263.0	285.9
1956.....	177.5	63.8	253.2	3,202.8	2,289.0	278.9	320.8	314.1
1957.....	140.3	156.8	326.7	3,409.4	2,450.5	287.1	315.4	356.4
1958.....	137.8	195.6	479.7	3,576.2	2,407.6	334.5	455.6	378.5
1959.....	222.6	157.3	306.9	3,236.7	2,203.3	304.5	325.6	403.3
1959: September.....	14.6	12.2	31.2	255.8	173.4	25.5	18.0	38.9
October.....	81.4	8.6	26.0	262.0	204.7	12.6	19.3	25.4
November.....	.8	5.0	19.9	259.4	169.3	13.9	32.1	44.1
December.....	2.2	19.7	17.4	272.4	176.1	26.5	20.8	49.0
1960: January.....	5.5	2.7	13.6	215.7	161.4	16.1	16.7	21.5
February.....	5.2	9.3	32.7	220.0	140.5	15.3	35.9	28.3
March.....	8.9	13.5	38.4	355.0	259.6	25.9	40.2	29.3
April.....	1.9	9.5	23.8	304.0	209.0	21.7	41.8	31.5
May.....	9.9	9.3	39.9	358.9	265.8	31.7	34.0	27.4
June.....	30.6	28.5	55.5	365.3	236.0	38.9	52.4	38.0
July.....	2.8	3.5	47.0	318.0	213.3	23.7	45.6	35.4
August.....	7.8	6.2	49.7	308.2	221.8	17.5	36.0	32.9
September.....	25.5	4.2	36.6	284.2	194.0	7.5	29.3	53.4
Percent change, first 9 months 1959-60								
	- 29	- 30	+ 38	+12	+15	- 21	+ 31	+ 5

Period	State and locally owned-Con.								
	Highways	Sewer and water systems			Public service enterprises			Conservation and development	All other
		Total	Sewer	Water	Total	Electric power	Other		
1955.....	2,933.5	895.5	501.9	393.6	378.0	247.4	130.6	117.2	68.2
1956.....	3,211.6	1,100.0	658.9	441.1	336.5	227.2	109.3	139.3	91.4
1957.....	3,825.1	1,034.2	619.4	414.8	364.2	200.1	164.1	112.7	84.2
1958.....	4,489.3	1,050.0	708.2	341.8	669.5	450.0	219.5	123.3	160.7
1959.....	3,718.8	1,148.4	741.8	406.6	422.5	235.6	186.9	146.1	131.5
1959: September.....	248.7	82.7	53.2	29.5	29.4	19.2	10.2	13.0	12.5
October.....	256.9	90.0	53.4	36.6	24.2	9.3	14.9	22.9	14.3
November.....	281.4	61.0	45.5	15.5	26.6	11.8	14.8	6.3	6.4
December.....	231.6	79.4	57.4	22.0	16.5	4.5	12.0	12.4	6.7
1960: January.....	241.9	82.1	50.6	31.5	36.4	19.8	16.6	6.4	6.2
February.....	305.9	69.7	42.1	27.6	10.9	3.3	7.6	6.6	5.8
March.....	381.1	96.8	57.8	39.0	25.8	8.8	17.0	11.7	10.1
April.....	448.2	78.2	53.2	25.0	31.3	10.9	20.4	6.9	18.1
May.....	377.5	97.9	61.5	36.4	40.6	16.6	24.0	9.6	16.0
June.....	424.7	121.3	60.1	61.2	89.0	56.8	32.2	19.9	16.2
July.....	484.3	137.0	70.7	66.3	36.0	7.9	28.1	11.9	39.5
August.....	415.1	84.6	49.2	35.4	52.2	26.7	25.5	10.5	29.9
September.....	406.6	93.6	49.6	44.0	32.7	9.9	22.8	19.7	22.2
Percent change, first 9 months 1959-60									
	+ 18	- 6	- 15	+10	(1)	- 23	+ 34	- 1	+58

Source: Department of Commerce, Bureau of the Census. * Includes major force-account projects started, principally by TVA and State highway departments. ** Beginning with January 1958, includes missile launching facilities which were previously included under all other federally owned. ¹ Change of less than one-half of 1 percent.

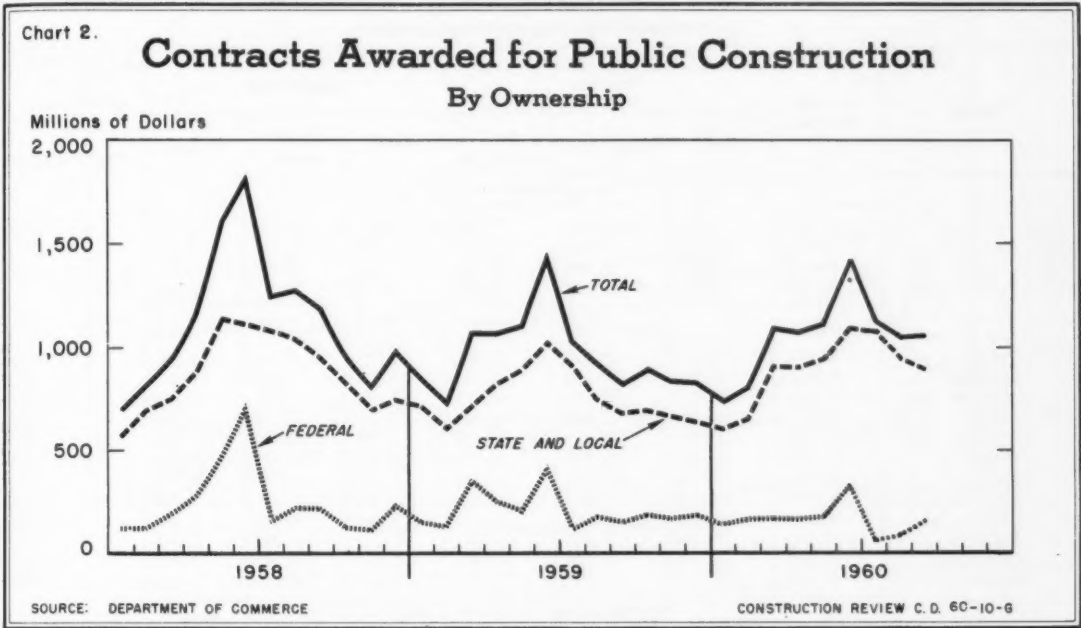


Table D-2.—Contract Awards: Highway Construction, Value, by Ownership, Source of Funds, and Type of Facility *
(Millions of dollars)

Period	All highway con- struction	Federally owned	State owned					Locally owned**
			Total	Federally aided projects		Independent state projects		
				Total value	Federal funds	Total value	Toll facilities	
1955.....	2,992.0	58.5	2,559.8	1,256.1	667.4	1,303.7	694.9	373.7
1956.....	3,303.5	91.9	2,718.3	1,737.2	962.8	981.1	336.7	493.3
1957.....	3,916.6	91.5	3,311.0	2,390.4	1,613.9	920.6	343.0	514.1
1958.....	4,584.8	95.5	3,995.8	3,488.7	2,504.4	507.1	44.1	493.5
1959.....	3,804.7	85.9	3,212.6	2,638.1	1,876.7	574.5	59.2	506.2
1959: September	257.8	9.1	196.7	158.6	109.7	38.1	3.8	52.0
October	261.9	5.0	208.9	173.6	126.2	35.3	.1	48.0
November.....	303.4	22.0	253.3	225.4	160.8	27.9	0	28.1
December.....	237.8	6.2	217.5	175.6	121.2	41.9	3.7	14.1
1960: January	251.6	9.7	190.0	164.7	111.9	25.3	3.9	51.9
February	311.6	5.7	220.3	117.6	128.3	42.7	12.9	85.6
March.....	397.2	16.1	296.8	246.8	174.8	50.0	1.3	84.3
April.....	456.7	8.5	399.7	341.5	252.5	58.2	1	48.5
May.....	393.6	16.1	312.6	238.1	167.8	74.5	0	64.9
June.....	437.9	13.2	344.7	280.9	198.1	63.8	0	80.0
July	495.1	10.8	401.3	264.8	190.6	136.5	68.8	83.0
August.....	424.9	9.8	355.3	286.3	206.7	69.0	3.4	59.8
September	417.8	11.2	338.6	286.1	200.9	52.5	2.6	68.0
Percent change, first 9 months 1959-60								
	+ 19	+ 92	+ 13	+ 11	+ 11	+ 22	+ 68	+ 50

Source: U.S. Department of Commerce, Bureau of the Census. *Includes force-account work started on Federal and State projects.
**By municipalities and counties.

Table D-3: Contract Awards: Value Reported by the F. W. Dodge Corporation
(U. S. Summary, excluding Alaska and Hawaii)

Period	All construction	Building			Engineering			Dodge index of contract awards, seasonally adjusted (1947-49=100)
		Total	Residential	Non-residential	Total	Public works	Utilities	
		Value (in millions of dollars)						
1956.....	31,612	24,070	12,862	11,208	7,542	5,428	2,115	.....
1957.....	32,174	24,333	13,040	11,293	7,840	5,464	2,375	.....
1958.....	35,090	25,644	14,695	10,948	9,446	6,802	2,644	.....
1959.....	36,420	28,672	17,195	11,477	7,747	5,813	1,933	.....
		12 months ending in—						
1959: October.....	36,633	28,653	17,270	11,382	7,979	6,023	1,955	278
November.....	36,447	28,589	17,172	11,416	7,858	5,910	1,947	231
December.....	36,420	28,672	17,195	11,477	7,747	5,813	1,933	244
1960: January.....	36,294	28,560	17,100	11,460	7,732	5,794	1,936	235
February.....	36,232	28,474	17,019	11,455	7,756	5,804	1,951	234
March.....	35,949	28,392	16,776	11,616	7,556	5,892	1,663	252
April.....	35,557	27,914	16,540	11,484	7,641	5,921	1,719	266
June.....	35,179	27,518	15,932	11,586	7,660	5,873	1,787	272
July.....	35,119	27,118	15,571	11,547	8,000	6,036	1,964	285
August.....	35,330	27,216	15,453	11,763	8,113	6,098	2,015	276
September.....	35,391	27,145	15,264	11,881	8,244	6,263	1,981	271
October.....	35,575	27,182	15,139	12,043	8,392	6,455	1,937	294
		Percent change, 12 months ending in—						
October 1959-60.....	- 3	- 5	- 12	+ 6	+ 5	+ 7	- 1	.....

Source: Table compiled by Department of Commerce (BDSA) from data published by the F. W. Dodge Corporation.

Table D-4: Contract Awards: Value Reported by the Engineering News-Record
(U. S. Summary, excluding Alaska and Hawaii)

Period	All construction contract awards	Ownership		Type of construction					
		Private	Public	Buildings		Highways and bridges	Sewer systems	Water systems	Unclassified and all other
				Private industrial	Other				
Value (in millions of dollars)									
1956.....	21,712	13,490	8,222	5,335	9,775	3,097	579	356	2,570
1957.....	17,986	8,386	9,600	3,081	7,791	3,745	556	369	2,444
1958.....	19,166	7,731	11,435	1,757	9,199	4,445	619	307	2,845
1959.....	20,279	10,388	9,891	2,981	9,992	3,456	653	373	2,824
12 months ending in—									
1959: October.....	19,819	9,720	10,099	2,711	9,624	3,815	646	372	2,654
November.....	20,165	10,080	10,085	2,888	9,837	3,712	661	378	2,691
*December.....	20,004	10,325	9,679	2,974	9,888	3,389	628	369	2,758
1960: January.....	19,868	10,352	9,515	2,970	9,795	3,347	641	357	2,759
February.....	19,955	10,381	9,573	3,004	9,820	3,393	641	336	2,762
*March.....	19,771	10,339	9,431	2,743	9,801	3,425	639	318	2,845
April.....	20,370	10,877	9,492	2,883	10,132	3,534	625	375	2,821
May.....	20,181	10,766	9,413	2,854	9,936	3,562	605	363	2,861
*June.....	20,839	11,269	9,570	2,866	10,390	3,517	607	382	3,078
July.....	20,647	11,359	9,288	2,921	10,414	3,407	603	388	2,917
August.....	20,963	11,508	9,455	2,899	10,686	3,473	587	385	2,937
*September.....	21,155	11,370	9,786	2,651	10,854	3,679	585	414	2,978
October.....	21,939	12,001	9,939	2,809	11,079	3,837	585	419	3,216
Percent change, 12 months ending in—									
October 1959-60.....	+ 11	+ 23	- 2	+ 4	+ 15	+ 1	- 9	+ 13	+ 21

Source: Table compiled by Department of Commerce (BDSA) from data published by the Engineering News-Record. Data include only those projects with contract values above the following minimum sizes: Water supply, earthwork, and waterways—\$44,000; other public works—\$73,000; industrial buildings—\$93,000; other buildings—\$344,000. *Adjusted to 52 weeks.

Part E.—Costs and Prices



Table E-1.—Construction Cost Indexes
(1947-49=100)

Period	Department of Commerce composite cost index*	Monthly and quarterly component indexes									
		American Appraisal Co.	Associated General Contractors	E. H. Boeckh and Associates			Engineering News-Record		Bureau of Public Roads, highway	Geo. A. Fuller Co.	Turner Construction Co.
				Residences	Apartments, hotels, and office buildings	Commercial and factory buildings	Building	Construction			
Annual averages											
1955.....	125	129	136	123.9	130.6	131.9	139.3	146.5	106.1	124	123
1956.....	132	135	143	129.4	137.0	138.7	145.9	153.8	113.4	130	134
1957.....	137	141	149	131.8	141.2	143.7	151.2	160.8	118.1	136	142
1958.....	138	145	154	133.0	143.6	146.7	156.0	168.6	116.3	142	142
1959.....	141	150	160	137.4	148.6	151.8	162.8	177.0	114.4	147	145
Current indexes											
1959: July.....	141	150	161	138.2	149.6	152.8	163.9	178.7	113.5	148	145
	August.....	142	151	161	138.4	149.8	153.0	164.8				180.1
September....	142	151	162	138.4	149.9	153.0	165.2	180.3	114.2	148	145
October.....	142	151	163	138.4	149.9	153.0	165.1	180.2			
November.....	142	152	163	138.7	150.1	153.2	164.7	179.8	111.0	149	145
December....	142	152	163	138.9	150.4	153.6	164.3	179.6			
1960: January....	143	152	163	139.8	151.5	154.4	165.1	180.5	110.5	150	145
	February....	143	152	163	139.8	151.5	154.4	165.1				180.4
March.....	143	152	164	139.5	151.1	154.2	165.0	180.7	112.9	.....	.....
April.....	143	153	164	139.8	151.3	154.4	165.0	180.7			
May.....	143	153	164	140.1	151.8	154.9	165.8	182.7	112.9	.....	.....
June.....	144	153	165	140.3	152.1	154.9	166.4	183.5			
July.....	143	154	166	140.1	152.0	154.6	166.9	184.2	112.9	.....	.....
August.....	143	154	166	139.8	151.8	154.3	166.8	184.4			
September....	144	155	166	139.8	151.9	154.4	167.2	184.5	112.9	.....	.....
Percent change											
September 1959- 60..	+ 1	+ 2	+ 3	+ 1	+ 1	+ 1	+ 1	+ 2	1 - 1	2 + 3	2 + 1

Sources as stated above. *A composite of cost indexes, compiled by the Bureau of the Census, representative of the major types of construction weighted by the current relative importance of each type. Other component indexes, available annually or semi-annually, are included on an interpolative basis. ¹ Third quarter 1959-60. ² Second quarter 1959-60.

Table E-2.—Indexes of Wholesale Prices of Materials Used in Construction, by Selected Groups and Commodities
(1947-49=100, unless otherwise noted)

Period	All construction materials	Lumber and wood products							
		Softwoods			Selected hardwoods	Millwork	Plywood		
		Douglas fir	Southern pine	Other			Group index	Softwood	Hardwood
Annual averages									
1955.....	125.5	130.5	115.2	136.8	120.4	128.7	105.4	110.3	102.6
1956.....	130.6	129.9	119.2	137.4	126.0	129.1	101.7	100.8	104.7
1957.....	130.6	116.8	114.6	132.8	114.8	128.3	96.4	91.3	103.7
1958.....	130.5	114.6	112.8	129.4	114.4	128.2	97.1	91.8	104.5
1959.....	134.6	130.7	116.6	137.7	122.0	135.9	101.2	97.9	106.2
Monthly indexes									
1959: October.....	135.0	130.4	118.6	139.6	122.8	138.7	96.5	89.1	106.3
November.....	134.6	124.9	118.5	137.7	123.3	138.1	94.5	85.3	106.3
December.....	134.9	126.9	118.4	135.7	123.9	137.9	97.2	90.4	106.3
1960: January.....	135.2	127.7	118.1	135.3	124.6	137.8	98.2	92.2	106.3
February.....	135.0	127.3	117.5	136.0	124.1	137.7	97.0	89.5	106.9
March.....	134.5	126.9	117.2	135.6	124.5	137.7	95.9	86.5	107.8
April.....	134.3	125.7	117.2	136.0	125.1	136.8	96.1	86.9	107.8
May.....	133.9	124.1	116.8	134.9	125.2	136.9	95.7	85.9	108.2
June.....	132.9	120.7	116.0	132.3	125.2	136.9	95.5	85.5	108.2
July.....	132.1	118.7	114.7	130.4	124.0	137.2	95.5	85.5	108.2
August.....	131.4	115.6	113.8	126.5	121.0	136.7	94.7	84.0	108.2
September.....	^r 131.1	^r 114.2	113.0	^r 124.0	120.5	^r 135.5	^r 96.4	^r 87.1	108.2
October.....	130.6	111.5	112.2	123.8	119.1	135.5	97.1	88.3	108.5
Percent change									
October 1959-60...	- 3	- 14	- 5	- 11	- 3	- 2	+ 1	- 1	+ 2
Period	Building paper and board			Prepared paint	Metals and metal products				
	Group index	Insulation board	Hard-board**		Selected finished steel products				
					Structural shapes	Reinforcing bars	Galvanized sheets, carbon	Black pipe, carbon	Wire nails, 8d common
1955.....	.....	130.9	.....	114.5	151.9	158.8	138.8	150.7	151.9
1956.....	.....	136.9	.....	120.0	162.9	169.7	148.2	168.7	165.3
1957.....	.....	141.5	.....	126.3	187.5	184.1	152.5	185.4	177.9
1958.....	143.2	144.5	99.3	128.3	195.4	190.8	156.6	191.5	182.2
1959.....	146.4	148.5	100.3	128.3	199.6	195.0	161.2	190.9	182.2
1959: October.....	147.6	150.4	100.4	128.3	199.6	195.0	161.6	190.9	182.2
November.....	147.6	150.4	100.4	128.3	199.6	195.0	163.2	190.9	182.2
December.....	147.6	150.4	100.4	128.3	199.6	195.0	163.2	190.9	182.2
1960: January.....	147.6	150.4	100.4	128.3	199.6	195.0	163.2	190.9	182.2
February.....	147.6	150.4	100.4	128.3	199.6	195.0	163.2	190.9	182.2
March.....	146.5	148.6	100.4	128.3	199.6	195.0	163.2	190.9	182.2
April.....	145.1	146.5	100.4	128.3	199.6	195.0	163.2	190.9	182.2
May.....	145.1	146.5	100.4	128.3	199.6	195.0	163.2	190.9	182.2
June.....	145.1	146.5	100.4	128.3	199.6	195.0	163.2	190.9	174.9
July.....	144.2	146.5	98.6	128.4	199.6	195.0	163.3	187.0	174.9
August.....	145.5	148.4	98.6	128.4	199.6	193.4	163.4	187.0	174.9
September.....	^r 145.3	^r 148.2	98.6	128.4	199.6	193.4	163.4	187.0	174.9
October.....	145.7	148.5	98.9	128.4	199.6	193.4	163.4	187.0	174.9
Percent change									
October 1959-60...	- 1	- 1	- 1	(1)	0	- 1	+ 1	- 2	- 4

See footnotes at end of table.

Table E-2: Indexes of Wholesale Prices of Materials Used in Construction, by Selected Groups and Commodities—Con.
(1947-49=100 unless otherwise noted)

Period	Nonmetallic minerals—structural								
	Flat glass		Concrete ingredients			Concrete products			
	Plate	Window	Group index	Sand, gravel and crushed stone	Portland cement	Group index	Building block	Concrete pipe	Ready-mixed concrete**
1955.....	134.7	136.9	124.8	119.1	131.4	118.6	112.2	137.9	.....
1956.....	141.6	142.4	130.6	122.6	139.7	123.0	115.6	144.1	.....
1957.....	145.7	145.9	136.0	126.5	146.9	126.4	118.5	148.8	.....
1958.....	145.2	145.5	139.0	128.8	150.6	128.1	117.7	152.8	100.4
1959.....	144.7	145.3	140.3	129.9	152.2	129.7	117.5	159.1	101.6
1959: October.....	145.0	145.3	140.4	130.1	152.1	130.3	118.6	159.2	102.0
November.....	145.0	145.3	140.4	130.2	152.1	130.3	118.6	159.2	102.0
December.....	145.0	145.3	140.4	130.2	152.1	130.4	118.6	160.3	102.0
1960: January.....	145.0	145.3	142.0	130.5	155.1	130.5	119.1	160.3	102.0
February.....	145.0	145.3	142.0	130.5	155.2	131.1	120.1	160.3	102.4
March.....	145.0	145.3	142.1	130.7	155.2	131.0	120.1	160.3	102.3
April.....	145.0	145.3	142.1	130.8	155.2	131.3	120.4	160.6	102.6
May.....	137.3	135.8	142.1	130.8	155.2	131.5	120.4	160.6	102.7
June.....	137.3	135.8	142.1	130.7	155.2	131.3	120.4	160.5	102.6
July.....	137.3	135.8	^r 142.1	130.8	155.2	131.3	120.4	160.5	102.5
August.....	137.3	135.8	^r 142.2	131.0	155.1	131.1	120.4	159.4	102.5
September.....	137.3	^r 141.2	142.2	^r 131.0	155.1	131.0	120.4	160.1	102.3
October.....	137.3	141.2	142.1	130.8	155.1	131.0	120.4	160.1	102.2
Percent change									
October 1959-60.....	- 5	- 3	+ 1	+ 1	+ 2	+ 1	+ 2	+ 1	(¹)
Period	Nonmetallic minerals—structural—Con.								
	Structural clay products				Gypsum products				Prepared asphalt roofing
	Group index	Building brick	Clay tile	Clay sewer pipe	Group index	Lath	Wallboard	Plaster, base coat	
1955.....	126.4	125.3	122.9	139.4	122.1	118.7	121.1	127.8	106.1
1956.....	133.2	132.9	127.2	149.3	127.1	123.5	124.9	136.2	111.7
1957.....	135.0	134.7	127.5	156.3	127.1	123.8	124.9	136.2	122.3
1958.....	135.9	135.6	128.6	158.2	132.1	127.8	129.5	143.2	112.8
1959.....	139.1	139.0	130.7	163.8	133.1	128.6	130.4	144.6	116.4
1959: October.....	139.4	139.4	130.7	164.8	133.1	128.6	130.4	144.6	110.8
November.....	139.7	139.4	131.3	164.8	133.1	128.6	130.4	144.6	113.6
December.....	139.9	139.9	131.3	164.8	133.1	128.6	130.4	144.6	113.6
1960: January.....	140.7	140.6	132.5	164.8	133.1	128.6	130.4	144.6	113.6
February.....	140.9	140.6	133.1	164.8	133.1	128.6	130.4	144.6	107.6
March.....	140.9	140.6	133.1	164.8	133.2	128.6	130.5	144.6	107.6
April.....	140.9	140.6	133.1	164.8	133.2	128.6	130.5	144.6	106.6
May.....	141.3	141.2	133.1	165.4	133.2	128.6	130.5	144.6	106.6
June.....	141.3	141.3	133.1	165.4	133.2	128.6	130.5	144.6	106.6
July.....	141.4	141.3	133.1	165.8	133.2	128.6	130.5	144.6	106.6
August.....	141.7	141.6	133.6	165.8	133.2	128.6	130.5	144.6	106.6
September.....	141.9	141.7	133.6	167.0	133.2	128.6	130.5	144.6	106.6
October.....	141.9	141.7	133.6	167.0	133.2	128.6	130.5	144.6	106.6
Percent change									
October 1959-60.....	+ 2	+ 2	+ 2	+ 1	(¹)	0	(¹)	0	- 4

See footnotes at end of table.

Table E-2: Indexes of Wholesale Prices of Materials Used in Construction, by Selected Groups and Commodities—Con.
(1947-49=100, unless otherwise noted)

Period	Metals and metal products—Con.									
	Selected nonferrous metal products			Builders' hardware			Plumbing fixtures and brass fittings			
	Copper water tubing	Building wire, type RH-RW	Nonmetallic sheathed cable	Cabinet hinge	Door lock set	Butts	Group index*	Enameled iron fixtures	Vitreous china fixtures	Brass fittings
1955.....	156.5	126.6	96.5	127.6	128.9	168.4	125.4	130.3	118.9	126.5
1956.....	174.4	155.9	110.1	138.3	137.6	168.4	133.9	126.9	124.2	141.6
1957.....	151.2	132.7	84.0	137.5	147.1	168.4	130.2	126.1	124.2	137.4
1958.....	141.8	106.1	75.9	137.2	153.0	168.4	123.7	115.4	115.6	134.1
1959.....	149.4	126.9	87.7	136.7	155.1	168.4	130.1	120.7	122.6	142.2
1959: October....	149.7	137.2	91.5	136.4	155.1	168.4	131.0	120.8	123.1	144.1
November....	156.1	145.8	95.9	136.4	155.1	168.4	132.4	123.9	125.5	144.1
December....	156.1	145.8	95.9	136.4	155.1	168.4	133.2	125.3	127.4	144.1
1960: January....	156.1	145.8	95.9	136.4	155.1	168.4	134.0	126.8	129.4	144.1
February....	156.1	143.7	94.5	136.4	155.1	168.4	133.9	126.8	129.4	143.9
March.....	156.1	132.8	85.4	136.4	155.1	174.6	133.9	126.8	129.3	143.8
April.....	156.1	132.8	85.4	140.2	155.4	175.0	132.1	124.4	124.4	143.8
May.....	156.1	129.1	85.7	140.2	155.4	175.0	132.7	126.7	125.0	143.4
June.....	151.4	120.3	77.7	140.2	155.4	175.0	131.3	126.7	121.3	142.6
July.....	151.4	108.2	71.4	140.2	155.4	175.0	131.3	126.7	121.3	142.6
August.....	151.4	106.8	71.4	140.2	155.4	175.0	131.5	126.7	121.3	143.1
September....	147.7	106.8	71.4	140.2	155.4	171.9	131.5	126.7	121.3	143.1
October.....	121.5	109.8	73.9	140.2	155.4	171.9	130.7	126.7	121.3	141.1
Percent change										
October 1959-60....	- 19	- 20	- 19	+ 3	(¹)	+ 2	(¹)	+ 5	- 1	- 2
Period	Metals and metal products—Con.								Machinery and motive products	
	Heating equipment					Fabricated structural metal products			Elevators and escalators	Fans and blowers, except portable
	Group index*	Steam and hot water	Warm air furnaces	Fuel burning equipment	Water heaters, domestic	Metal doors, sash and trim	Roofing**			
1955.....	115.0	134.3	121.3	105.2	109.1	139.4	.....	.....	120.8	149.0
1956.....	119.0	139.6	126.3	108.9	107.8	145.6	.....	.....	128.3	166.0
1957.....	122.1	146.7	128.2	113.3	106.8	140.6	.....	.....	138.3	176.3
1958.....	121.2	150.9	122.8	116.0	101.9	141.8	102.3	96.5	139.3	180.4
1959.....	121.7	154.8	123.5	115.7	99.5	135.2	105.2	96.3	139.5	182.5
1959: October....	121.5	154.7	123.4	115.9	98.7	134.2	105.4	96.3	140.0	182.2
November....	121.5	154.7	123.4	115.2	99.0	134.2	106.5	96.3	140.0	182.2
December....	121.6	155.4	123.2	114.8	99.0	134.2	106.5	96.3	140.0	182.2
1960: January....	120.9	155.4	122.5	114.8	97.2	134.5	106.5	99.4	140.0	182.2
February....	120.3	155.4	121.9	115.1	94.9	134.6	106.5	100.9	140.0	182.5
March.....	120.1	155.4	122.0	115.4	93.8	134.8	106.5	100.9	140.0	182.5
April.....	120.1	155.4	122.0	115.4	93.9	132.6	106.5	100.9	140.0	182.5
May.....	120.2	155.6	121.8	115.4	93.9	131.6	106.5	100.9	139.9	182.5
June.....	120.0	155.6	121.9	115.8	92.6	131.8	106.6	100.9	139.9	182.5
July.....	118.7	154.7	121.3	115.8	88.8	131.8	106.6	100.9	140.3	182.5
August.....	118.8	154.8	121.6	115.8	88.8	131.8	106.6	104.3	140.3	184.2
September....	119.3	154.8	121.6	116.1	90.7	131.8	106.6	106.1	140.3	183.5
October.....	119.3	154.8	121.6	116.1	90.7	131.8	106.6	106.1	140.3	183.5
Percent change										
October 1959-60....	- 2	(¹)	- 1	(¹)	- 8	- 2	+ 1	+ 10	(¹)	+ 1

See footnotes at end of table.

Table E-2: Indexes of Wholesale Prices of Materials Used in Construction, by Selected Groups and Commodities-Con.
(1947-49=100 unless otherwise noted)

Period	Nonmetallic minerals—structural—Con.			Furniture and other household durables			
	Other			Kitchen cabinets, metal, base only	Linoleum, inlaid	Asphalt floor tile	Rubber floor tile
	Group index*	Insulation materials	Asbestos cement shingles				
1955.....	121.7	106.6	136.8	131.7	120.4	96.5	107.7
1956.....	125.3	101.5	146.8	138.1	126.1	106.3	110.6
1957.....	130.5	102.8	155.1	145.1	126.7	100.8	113.2
1958.....	134.1	103.9	160.8	151.3	128.6	97.2	114.9
1959.....	136.6	103.1	166.0	151.9	130.3	99.4	114.9
1959: October.....	136.9	102.9	167.0	152.7	130.5	101.5	114.9
November.....	136.9	102.9	167.0	152.7	130.5	101.5	114.9
December.....	136.9	102.9	167.0	152.7	130.5	101.5	114.9
1960: January.....	137.5	102.9	168.4	152.8	135.3	101.5	114.9
February.....	139.3	102.9	172.8	152.8	135.3	101.5	114.9
March.....	139.3	102.9	172.8	152.8	134.2	101.5	114.9
April.....	140.8	105.7	172.8	152.8	134.2	101.5	114.9
May.....	141.2	106.5	172.8	152.8	134.2	101.5	114.9
June.....	141.2	106.5	172.8	152.8	134.2	101.5	114.9
July.....	141.2	106.5	172.8	150.6	134.2	101.5	114.9
August.....	141.2	106.5	172.8	150.6	134.2	101.5	114.9
September.....	140.9	105.8	172.9	150.6	134.2	101.5	114.9
October.....	141.7	105.0	176.0	150.6	134.2	101.5	114.9
Percent change							
October 1959-60.....	+ 4	+ 2	+ 5	- 1	+ 3	0	0

Source: Department of Labor, Bureau of Labor Statistics. *Includes items not shown separately. **Introduced Jan. 1958. Jan. 1958=100. ¹ Change of less than one-half of 1 percent. ² Revised.

Table E-3.—Indexes of Union Hourly Wage Rates for Selected Building Trades

(1947-49=100)

Date	All trades	Brick-layers	Carpenters	Electricians	Painters	Plasterers	Plumbers	Building laborers
1950: July 1.....	110.7	111.6	110.1	111.5	109.6	113.0	107.8	112.4
1951: July 1.....	117.8	116.3	117.4	120.0	116.8	118.5	114.2	120.4
1952: July 1.....	125.1	126.2	124.6	126.8	124.4	125.3	121.0	128.6
1953: July 1.....	131.6	130.0	131.1	132.0	130.5	130.1	125.4	138.4
1954: July 1.....	136.4	134.2	135.3	135.9	134.5	132.5	132.3	144.4
1955: July 1.....	141.2	137.8	140.3	139.0	139.9	136.5	135.5	150.9
1956: July 1.....	147.7	144.0	146.2	146.6	145.5	141.7	141.5	159.5
1957: July 1.....	155.3	149.6	153.9	153.9	153.2	146.9	149.3	169.5
1958: July 1.....	162.4	154.6	161.1	162.1	158.7	151.6	155.6	177.9
1959: July 1.....	170.3	161.4	169.1	167.5	164.9	156.6	164.0	189.7
1959: Oct. 1.....	* 171.0	NOT AVAILABLE						
1960: Jan. 4.....	* 172.0							
Apr. 1.....	* 172.0							
July 1.....	* 177.0							
Oct. 1.....	* 178.0							

Source: Department of Labor, Bureau of Labor Statistics. * Estimated.

Table E-4.—Estimated Average Rates and Ranges in Rate Levels of Union Hourly Wage Scales for Selected Building Trades

Date	Bricklayers		Carpenters		Electricians (Inside wiremen)		Painters	
	Estimated average rate	Range in rate levels	Estimated average rate	Range in rate levels	Estimated average rate	Range in rate levels	Estimated average rate	Range in rate levels
July 1, 1955.....	\$3.47	\$2.50-3.85	\$3.01	\$2.18-3.55	\$3.17	\$2.60-3.65	\$2.67	\$1.75-3.25
July 2, 1956.....	3.63	2.50-4.05	3.13	1.88-3.65	3.33	2.38-4.00	3.02	1.75-3.35
July 1, 1957.....	3.77	2.50-4.25	3.29	1.88-3.90	3.50	2.38-4.25	3.17	1.75-3.50
July 1, 1958.....	3.89	2.50-4.35	3.46	2.00-4.15	3.68	2.38-4.35	3.27	1.75-3.60
July 1, 1959.....	4.04	2.75-4.70	3.63	2.00-4.40	3.80	2.63-4.35	3.38	1.75-3.70
October 1, 1959.....	4.05	2.75-4.70	3.64	2.00-4.40	3.85	2.63-4.60	3.42	1.75-3.85
January 4, 1960.....	4.07	2.75-4.70	3.65	2.25-4.40	3.90	2.63-4.60	3.44	1.75-3.85
April 1, 1960.....	4.08	2.75-4.70	3.66	2.25-4.40	3.90	2.63-4.60	3.46	1.75-3.85
July 1, 1960.....	4.18	2.85-4.80	3.77	2.25-4.55	4.00	2.75-4.65	3.54	1.75-3.90
October 1, 1960.....	4.17	2.85-4.80	3.78	2.33-4.55	4.04	2.85-4.65	3.56	1.75-3.95

Date	Plasterers		Plumbers		Building laborers	
	Estimated average rate	Range in rate levels	Estimated average rate	Range in rate levels	Estimated average rate	Range in rate levels
July 1, 1955.....	\$3.36	\$2.25-3.85	\$3.19	\$2.63-3.50	\$2.04	\$0.90-2.80
July 2, 1956.....	3.47	2.25-4.00	3.34	2.40-3.75	2.18	1.00-3.00
July 1, 1957.....	3.63	2.50-4.25	3.52	2.40-4.00	2.35	1.05-3.20
July 1, 1958.....	3.74	2.50-4.35	3.71	2.75-4.25	2.48	1.20-3.35
July 1, 1959.....	3.88	2.63-4.50	3.88	2.75-4.45	2.62	1.20-3.65
October 1, 1959.....	3.95	2.63-4.70	3.90	2.75-4.45	2.63	1.20-3.65
January 4, 1960.....	3.94	2.63-4.70	3.92	2.90-4.45	2.68	1.20-3.65
April 1, 1960.....	3.95	2.63-4.70	3.93	2.75-4.45	2.69	1.20-3.65
July 1, 1960.....	4.01	2.75-4.70	4.01	3.00-4.45	2.78	1.20-3.80
October 1, 1960.....	4.03	2.75-4.70	4.02	3.00-4.45	2.79	1.20-3.80

Source: Department of Labor, Bureau of Labor Statistics.

Table E-5: Union Wage Scales¹ for Selected Building Trades in 100 Cities, by Census Geographic Division

(As of October 1, 1960)

City and Census geographic division	Bricklayers	Carpenters	Electricians	Painters	Plasterers	Plumbers	Building laborers
<i>Cents-per-hour increase, July 1-October 1, 1960</i>	1.4	1.3	4.0	2.4	1.9	1.5	1.1
New England:							
Boston, Mass.....	*\$4.050	\$3.650	*\$4.100	*\$3.350	*\$3.800	*\$4.025	\$2.750
Burlington, Vt.....	3.750	2.750	3.000	1.750	3.750	3.000	*2.250
Hartford, Conn.....	3.950	*3.600	4.175	3.370	3.950	*3.925	2.800
Manchester, N. H.....	3.850	3.270	3.250	2.580	3.850	3.650	2.590
New Haven, Conn.....	3.850	3.550	*4.075	*3.400	3.850	3.900	2.800
Portland, Maine.....	3.500	3.000	3.300	*2.250	3.500	3.500	2.200
Providence, R. I.....	*4.000	3.400	3.700	3.050	3.925	3.650	2.650
Springfield, Mass.....	3.750	3.430	3.750	3.175	3.750	3.800	2.550
Worcester, Mass.....	3.900	3.650	*3.750	3.300	3.900	3.650	2.750

See footnotes at end of table.

Table E-5: Union Wage Scales¹ for Selected Building Trades in 100 Cities, by Census Geographic Division—Con.

(As of October 1, 1960)

City and Census geographic division	Bricklayers	Carpenters	Electricians	Painters	Plasterers	Plumbers	Building laborers
Middle Atlantic:							
Buffalo, N. Y.....	\$ 4.115	\$ 4.135	\$ 4.250	\$ 3.650	\$ 3.910	\$ 3.875	\$ 3.010
Erie, Pa.....	4.100	3.615	3.875	3.250	3.700	3.875	2.675
Newark, N. J.....	4.650	4.500	4.500	* 3.950	4.650	4.250	3.600
New York, N. Y.....	4.800	4.550	4.150	* 3.640	4.700	4.450	3.800
Philadelphia, Pa.....	4.250	3.885	4.375	3.375	4.150	4.100	2.600
Pittsburgh, Pa.....	4.450	3.975	4.600	3.700	4.205	4.150	2.725
Reading, Pa.....	3.900	3.325	3.850	2.925	* 3.700	3.550	2.385
Rochester, N. Y.....	4.160	3.825	4.120	3.550	4.160	3.700	2.860
Schenectady, N. Y.....	3.800	3.500	* 4.050	3.150	3.800	3.800	2.750
Scranton, Pa.....	3.750	3.175	3.625	2.875	3.650	3.450	2.450
Syracuse, N. Y.....	4.050	\$ 3.670	4.200	\$ 3.350	3.925	* 3.680	2.900
Trenton, N. J.....	\$ 4.250	\$ 4.100	4.600	3.625	\$ 4.250	4.400	2.900
York, Pa.....	3.500	3.050	3.625	2.650	3.500	3.550	2.050
East North Central:							
Chicago, Ill.....	\$ 4.225	3.910	* 4.300	* 3.750	4.000	4.050	3.025
Cincinnati, Ohio.....	4.025	3.900	\$ 4.090	\$ 3.400	3.875	\$ 3.975	2.900
Cleveland, Ohio.....	4.085	4.110	4.170	3.725	4.110	3.910	3.370
Columbus, Ohio.....	4.060	3.610	3.860	3.300	3.700	3.825	2.700
Dayton, Ohio.....	4.020	3.725	4.050	3.420	3.770	3.850	\$ 2.685
Detroit, Mich.....	3.980	3.630	4.000	3.500	3.750	* 3.900	2.900
Evansville, Ind.....	* 3.950	\$ 3.300	3.760	3.100	* 3.850	* 3.665	2.500
Grand Rapids, Mich.....	4.175	3.500	\$ 3.650	3.050	3.500	3.800	* 2.750
Indianapolis, Ind.....	4.000	3.550	3.850	\$ 3.500	3.825	3.850	* 2.575
Lansing, Mich.....	4.100	3.530	3.600	3.280	3.800	\$ 3.800	* 2.730
Madison, Wis.....	3.800	3.350	3.960	3.240	3.600	* 3.530	2.800
Milwaukee, Wis.....	* 3.820	* 3.570	* 3.730	* 3.320	* 3.550	* 3.680	2.790
Peoria, Ill.....	4.325	3.900	4.100	3.600	4.175	4.150	3.250
Rock Island, Ill. (Dist.) ³	* 4.000	3.370	* 4.000	3.200	3.750	3.700	2.730
South Bend, Ind.....	* 4.050	3.400	3.750	3.200	* 3.460	3.800	2.525
Toledo, Ohio.....	4.020	3.910	\$ 4.000	3.630	3.870	\$ 3.950	3.030
Youngstown, Ohio.....	4.085	3.805	4.000	3.540	3.930	3.815	2.935
West North Central:							
Des Moines, Iowa.....	\$ 3.975	3.525	3.750	\$ 3.300	3.675	3.825	2.800
Duluth, Minn.....	3.820	3.270	3.650	3.200	3.575	3.630	2.750
Fargo, N. Dak.....	3.900	2.850	3.100	2.750	3.400	* 3.200	2.150
Kansas City, Mo.....	4.075	3.625	* 3.900	3.550	* 3.875	\$ 3.750	* 2.580
Minneapolis, Minn.....	3.875	* 3.500	3.700	3.390	3.600	3.620	2.850
Omaha, Nebr.....	3.950	3.550	3.850	3.150	3.750	3.830	2.475
St. Louis, Mo.....	4.050	3.825	4.110	3.690	3.800	* 4.150	2.875
St. Paul, Minn.....	3.875	* 3.500	* 3.700	3.300	3.600	3.620	2.850
Sioux Falls, S. Dak.....	3.850	2.950	3.450	2.550	3.185	3.650	2.100
Wichita, Kan.....	3.950	3.300	* 4.000	3.000	3.500	3.900	2.300
South Atlantic:							
Atlanta, Ga.....	4.000	3.350	* 3.900	* 3.400	3.500	* 3.850	2.000
Baltimore, Md.....	4.100	3.600	3.850	3.400	3.850	3.840	2.225
Charleston, S. C.....	2.850	2.750	3.250	2.200	* 2.850	* 3.500	** 1.200
Charleston, W. Va.....	4.000	3.775	3.875	3.125	3.750	\$ 3.775	2.525
Charlotte, N. C.....	3.200	2.500	* 3.100	(²)	2.750	3.250	1.450
Columbia, S. C.....	3.000	* 2.500	3.250	2.500	3.000	3.500	(²)
Jacksonville, Fla.....	3.600	3.150	3.650	2.900	3.500	3.650	(²)
Miami, Fla.....	3.770	* 3.500	3.800	3.370	3.770	3.700	1.850
Norfolk, Va.....	3.750	2.900	3.550	3.050	3.500	* 3.550	* 1.650
Raleigh, N. C.....	3.000	2.325	* 2.850	1.900	2.750	3.350	1.250
Richmond, Va.....	3.750	2.900	\$ 3.400	2.450	3.290	3.500	* 1.650
Savannah, Ga.....	3.500	* 3.200	3.550	2.750	2.750	3.650	1.650
Tampa, Fla.....	3.600	3.250	3.650	2.900	3.600	* 3.600	1.675
Washington, D. C.....	4.150	3.750	4.400	3.690	* 4.000	* 4.350	2.500
Wilmington, Del.....	4.025	3.800	4.125	3.300	3.900	4.050	2.250

See footnotes at end of table.

Table E-5: Union Wage Scales¹ for Selected Building Trades in 100 Cities, by Census Geographic Division—Con.

(As of October 1, 1960)

City and Census geographic division	Bricklayers	Carpenters	Electricians	Painters	Plasterers	Plumbers	Building laborers
East South Central:							
Birmingham, Ala.....	*\$4.050	*\$3.230	\$3.775	\$3.300	*\$ 3.370	*\$3.700	*\$2.000
Chattanooga, Tenn.....	4.000	3.300	3.650	3.050	3.500	*3.725	2.100
Jackson, Miss.....	*3.750	3.000	3.400	2.750	3.000	3.650	1.500
Knoxville, Tenn.....	3.925	3.225	3.500	2.900	3.525	3.625	2.000
Louisville, Ky.....	†3.975	†3.575	†3.850	*3.375	3.600	3.750	†2.575
Memphis, Tenn.....	*3.820	*3.300	*3.725	3.150	3.500	3.710	1.750
Mobile, Ala.....	3.800	3.300	*3.850	3.300	3.650	*3.900	1.900
Montgomery, Ala.....	3.250	2.750	3.100	2.750	2.750	3.350	1.200
Nashville, Tenn.....	3.850	*3.350	3.425	3.100	3.500	3.700	1.750
West South Central:							
Dallas, Tex.....	*4.100	*3.450	3.625	†3.313	*3.875	3.700	1.850
El Paso, Tex.....	3.950	3.350	3.700	2.925	3.500	3.750	1.875
Houston, Tex.....	4.000	*3.565	3.925	*3.360	3.750	3.625	2.050
Little Rock, Ark.....	3.700	3.200	3.475	*2.875	3.400	3.425	1.750
New Orleans, La.....	3.675	3.250	3.900	2.875	3.270	3.700	1.875
Oklahoma City, Okla.....	4.000	3.275	3.750	3.125	3.625	3.850	†2.350
San Antonio, Tex.....	3.730	3.250	3.625	3.000	3.625	3.640	1.600
Shreveport, La.....	3.900	3.050	3.725	*2.950	3.625	3.600	*1.775
Tulsa, Okla.....	4.000	3.400	3.900	3.300	*3.750	3.900	2.380
Mountain:							
Albuquerque, N. Mex.....	4.250	3.490	*3.750	3.050	3.500	4.030	2.200
Boise, Idaho.....	3.850	3.250	3.750	3.150	3.150	3.700	2.550
Butte, Mont.....	3.750	3.350	3.550	3.370	3.500	3.650	*2.650
Cheyenne, Wyo.....	4.000	3.140	3.680	3.000	3.500	3.600	2.200
Denver, Colo.....	4.000	3.600	†3.890	3.250	3.825	3.950	2.320
Las Vegas, Nev.....	4.525	4.025	4.450	3.900	4.350	4.425	3.225
Phoenix, Ari z.....	4.100	3.775	4.200	3.350	4.165	4.250	2.715
Salt Lake City, Utah.....	3.840	*3.300	3.720	3.100	3.725	3.780	*2.425
Santa Fe, N. Mex.....	4.250	3.490	*3.750	3.050	3.500	4.030	2.200
Pacific:							
Los Angeles, Calif.....	4.200	3.825	4.650	3.730	4.250	4.330	3.080
Oakland, Calif.....	4.150	3.725	4.205	3.670	*4.040	4.350	3.045
Portland, Oreg.....	4.070	3.460	3.950	†3.380	†3.780	*3.940	2.790
San Diego, Calif.....	4.350	3.825	*4.600	*3.720	4.225	4.330	3.080
San Francisco, Calif.....	*4.400	3.725	4.205	3.670	*4.040	4.360	3.045
Seattle, Wash.....	4.150	3.380	3.950	†3.465	3.720	†3.890	3.000
Spokane, Wash.....	4.120	3.480	3.900	3.390	3.800	3.890	2.750

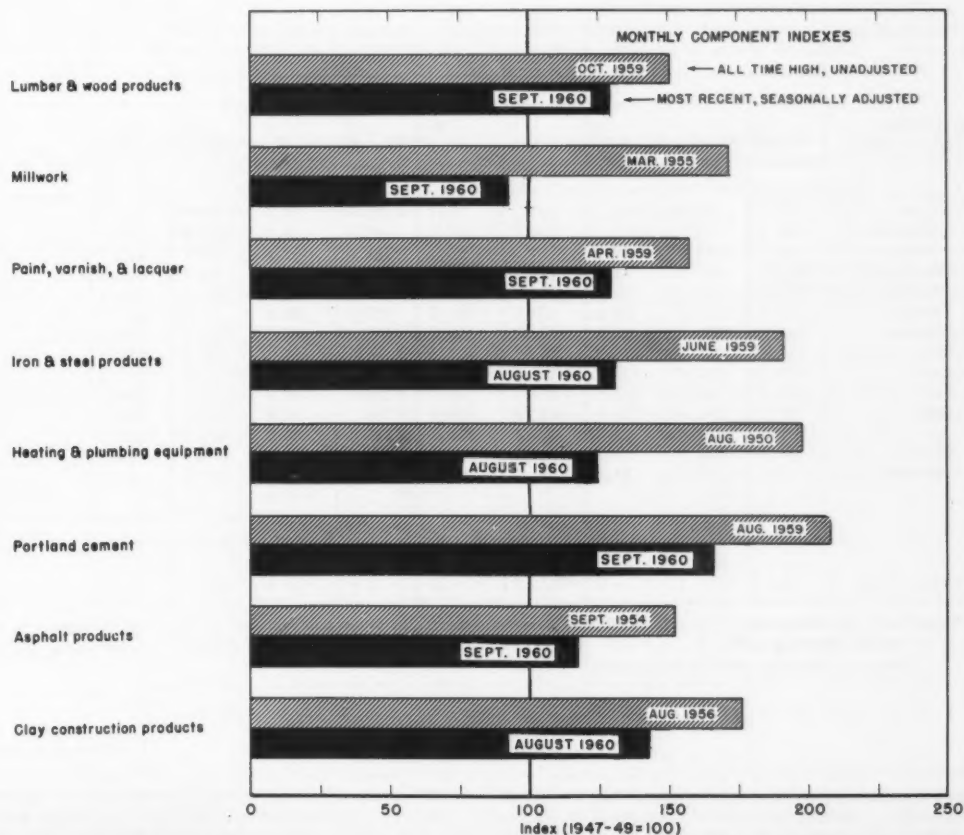
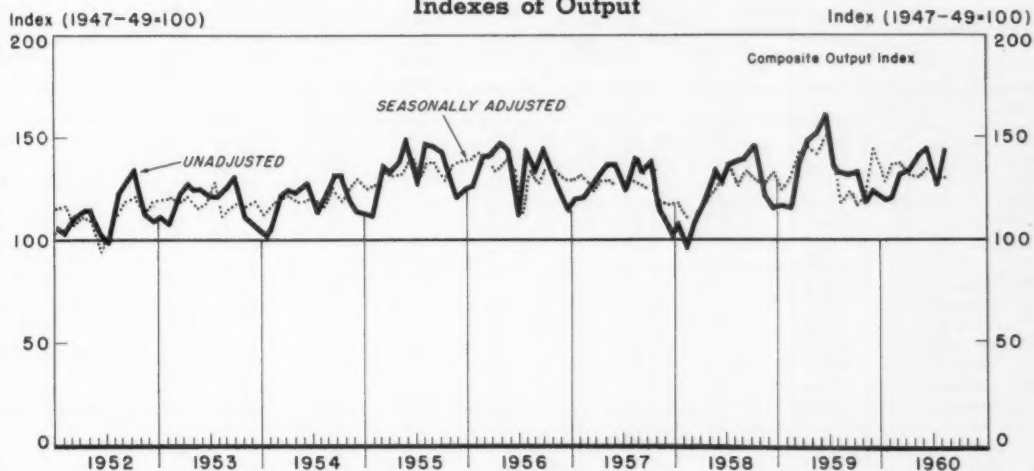
Source: Department of Labor, Bureau of Labor Statistics.

¹ These are basic scales representing minimum wage rates agreed upon through collective bargaining between employers and trade unions. Data on employer contributions to insurance (welfare) and pension funds, and for vacation and holiday payments are available upon request to the source agency. ² No union scale in effect on survey date. ³ Includes Rock Island and Moline, Ill., and Davenport, Iowa. *Scale increase between July 1 and October 1, 1960. **Scale decrease between July 1 and October 1, 1960. † Revised.

Part F.—Construction Materials

Chart 4.

Construction Materials Indexes of Output



SOURCE: DEPARTMENT OF COMMERCE.

CONSTRUCTION REVIEW C. D. 60-10-T

Table F-1.—Construction Materials: Indexes of Output, Unadjusted and Seasonally Adjusted
(1947-49=100)

Period	Composite	Lumber and wood products	Mill-work	Paint, varnish and lacquer	Iron and steel products	Heating and plumbing equipment	Portland cement	Asphalt products	Clay construction products	Gypsum products	Plumbing fixtures
Annual averages											
1955.....	132.5	126.6	149.7	117.2	135.0	147.0	147.9	112.4	154.2	178.2	139.8
1956.....	133.6	128.0	132.9	117.2	141.6	137.1	157.7	101.8	160.0	170.4	128.5
1957.....	125.7	115.7	118.8	117.4	143.0	120.0	148.5	96.5	133.2	154.4	114.1
1958.....	125.5	121.9	108.4	124.9	123.7	127.2	155.1	102.6	132.3	172.5	117.9
1959.....	134.5	137.0	121.9	133.7	116.3	142.2	169.0	105.7	149.0	203.4	146.1
Unadjusted indexes											
1959: August.....	132.6	143.8	142.9	141.3	73.9	151.7	208.2	121.1	157.2	228.7	145.3
September.....	131.6	145.5	140.4	139.9	64.1	172.6	195.0	132.5	164.8		
October.....	132.9	150.8	126.0	131.8	65.2	177.7	186.2	147.1	168.7		
November.....	118.2	130.4	92.5	109.8	87.7	126.4	156.1	80.7	151.3		
December.....	124.8	130.2	78.1	108.0	125.4	116.2	144.2	64.8	146.2	190.7	149.5
1960: January.....	119.4	127.2	79.9	115.6	125.6	94.4	112.4	59.0	128.0		
February.....	120.8	133.3	94.0	117.9	115.6	117.9	96.8	74.8	128.6		
March.....	132.4	142.8	107.7	139.9	125.0	125.1	110.9	82.4	139.9		
April.....	135.3	137.3	104.0	145.3	129.0	119.3	162.6	84.5	144.6	200.5	137.9
May.....	141.7	142.0	99.2	148.0	134.1	113.4	191.6	107.3	151.8		
June.....	145.4	138.6	110.8	153.4	143.3	133.4	187.8	121.5	153.7		
July.....	126.7	115.8	89.5	136.8	125.0	107.9	191.3	122.1	138.5		
August.....	144.5	142.0	111.7	145.3	135.7	138.7	199.0	136.3	157.6	.....	.....
September.....	n. a.	133.1	104.9	130.5	n. a.	n. a.	186.2	134.4	n. a.	.....	.....
Percent change											
August 1959-60.....	+ 9	- 1	- 22	+ 3	+ 84	- 9	- 4	+ 13	(³)	1- 8	1- 10
July-August, 1960.....	+ 14	+ 23	+ 25	+ 6	+ 9	+ 29	+ 4	+ 12	+ 14	2+ 19	2- 2
Seasonally adjusted indexes											
1959: August.....	119.6	128.5	116.7	129.3	71.3	135.9	179.6	91.7	141.9	.....	.....
September.....	125.3	140.9	125.7	139.6	64.5	131.7	174.3	115.5	158.9	.....	.....
October.....	116.7	133.8	108.5	125.2	59.1	138.6	160.8	115.7	147.1	.....	.....
November.....	123.8	137.4	98.0	128.0	88.7	128.8	156.7	93.2	146.0	.....	.....
December.....	144.8	155.6	93.3	136.0	132.7	151.3	153.2	102.7	154.9	.....	.....
1960: January.....	127.2	133.2	90.8	120.0	131.2	107.9	138.3	72.5	142.4	.....	.....
February.....	136.7	150.1	98.8	121.2	129.2	135.4	140.3	91.3	159.4	.....	.....
March.....	137.1	149.5	116.3	145.1	123.5	133.7	125.5	90.1	152.2	.....	.....
April.....	133.1	132.7	103.7	140.5	126.8	122.4	164.7	83.7	147.0	.....	.....
May.....	132.1	129.3	101.8	134.1	126.7	118.0	169.0	111.2	144.8	.....	.....
June.....	136.3	132.1	103.4	140.7	128.9	136.5	171.8	114.7	149.4	.....	.....
July.....	130.8	121.4	98.2	127.6	141.7	113.9	186.5	103.2	132.9	.....	.....
August.....	130.7	126.9	91.3	132.9	131.0	124.3	171.7	103.3	142.2	.....	.....
September.....	n. a.	128.8	93.9	130.2	n. a.	n. a.	166.4	117.2	n. a.	.....	.....
Percent change											
July-August 1960.....	(³)	+ 5	- 7	+ 4	- 8	+ 9	- 8	(³)	+ 7	.....	.....

Table compiled by the Department of Commerce (BDSA) from data reported by various government agencies and by private firms as shown in the tables following in Part F. n. a.—Not yet available. ¹Revised. ²1st quarter 1959-60. ³Change of less than one-half of 1 percent.

Table F-2: Lumber and Wood Products: Production, Shipments, and Stocks

Period	Softwood lumber ¹ (Million board feet)			Hardwood flooring ¹ (Thousand board feet)			Douglas fir plywood ² (million square feet)	Insulating boards ³ (Tons)	Hardboard (Tons)
	Production	Shipments	Stocks*	Production	Shipments	Stocks*	Production		
1955.....	30,293	30,198	5,386	1,268,104	1,258,914	70,045	4,947	1,092,890	529,558
1956.....	30,661	29,964	6,087	1,166,446	1,117,010	114,074	5,191	1,102,012	539,981
1957.....	26,758	26,952	5,894	953,706	947,023	107,028	5,378	994,000	569,000
1958.....	27,381	27,665	5,613	927,294	922,789	99,111	6,340	1,026,790	608,623
1959.....	29,709	29,582	5,766	1,034,098	1,022,299	95,470	7,752	1,114,896	825,876
1959: September.....	2,694	2,556	5,239	92,346	90,570	76,548	642	^r 96,811	^r 70,965
October.....	2,671	2,518	5,420	93,985	87,322	82,277	742	99,084	78,422
November.....	2,299	2,075	5,643	80,379	72,515	87,645	666	76,729	65,004
December.....	2,387	2,266	5,766	81,167	73,217	95,470	610	76,043	60,657
1960: January.....	2,127	2,047	5,847	76,581	74,725	96,058	713	82,795	68,226
February.....	2,356	2,161	6,059	75,334	71,969	98,250	678	81,253	71,420
March.....	2,564	2,340	6,283	82,065	74,789	105,401	703	86,387	73,632
April.....	2,451	2,432	6,316	77,614	75,732	107,308	677	87,903	73,126
May.....	2,580	2,574	6,322	80,655	75,822	112,366	678	94,349	66,793
June.....	2,563	2,516	6,368	79,699	83,748	108,317	635	94,117	61,064
July.....	2,082	2,069	6,145	66,176	66,796	105,542	546	89,144	57,810
August.....	2,574	2,476	6,238	81,648	83,017	102,427	681	95,972	65,315
September.....	2,396	2,331	6,302	79,473	79,126	100,697	635	91,171	66,947
Percent change									
September 1959-60.....	- 11	- 9	+ 20	- 14	- 13	+ 32	- 1	- 6	- 6
12 mos. ending September 1959-60.....	- 1	- 6	.....	- 6	- 9	.....	+ 7	- 4	+ 7

Table compiled by Department of Commerce (BDSA). Sources: ¹ National Lumber Manufacturers Association; ² Douglas Fir Plywood Association (monthly data are estimated from quarterly totals); ³ Department of Commerce, Bureau of the Census. *As of end of period. ^r Revised.

Table F-3: Shipments of Millwork Products and Production of Paint, Varnish, and Lacquer

Period	Millwork products				Paint, varnish, and lacquer ²
	Ponderosa pine doors ¹	Hardwood doors ¹	Sash ¹	Exterior frames ¹	
	Shipments (Thousands of units)				Production for trade sales (Thousands of gallons)
1955.....	³ 2,253	³ 6,786	³ 12,734	³ 2,260	312,510
1956.....	³ 2,035	³ 6,404	³ 10,551	³ 5,680	312,541
1957.....	2,028	5,611	9,887	5,273	313,128
1958.....	1,829	4,308	9,432	6,247	333,100
1959.....	2,474	4,613	11,049	7,118	356,700
1959: September.....	228	450	1,032	686	31,100
October.....	221	377	1,059	623	29,300
November.....	173	292	768	408	24,400
December.....	145	254	614	338	24,000
1960: January.....	139	265	587	356	25,700
February.....	179	315	668	397	26,200
March.....	199	371	650	471	31,100
April.....	195	336	658	498	32,300
May.....	161	321	700	486	32,900
June.....	188	325	824	602	34,100
July.....	118	289	596	485	30,400
August.....	170	348	850	577	32,300
September.....	157	367	725	467	29,000
Percent change					
September 1959-60.....	- 31	- 19	- 30	- 32	- 7
12 mos. ending September 1959-60.....	- 18	- 20	- 25	- 23	- 1

Table compiled by Department of Commerce (BDSA) Sources: ¹ National Wood Work Manufacturers Association (whose data are from member firms only and are not adjusted to represent full coverage); ² Department of Commerce, Bureau of the Census. ³ Production. Special tabulations prepared by the source agency indicate only minor differences between production and shipments. See note to table F-3 in the April 1959 issue.

Table F-4: Iron and Steel Products: Shipments, Bookings, and Backlog
(Thousands of tons)

Period	Selected steel mill products ¹						Cast-iron pipe ² and fittings		Rigid steel conduit ³	Fabricated structural steel ⁴		
	Line pipe	Concrete reinforc- ing bars	Galvan- ized sheets	Nails	Piling	Rails	Pres- sure	Soil		Domes- tic sales billed	Ship- ments	Book- ings	Back- log*
									Shipments			
1955.....	3,084	2,164	2,864	651	391	1,234	1,682	870	281	3,659	4,651	1,029
1956.....	3,376	2,518	2,958	557	433	1,300	1,747	818	359	3,780	4,736	1,313
1957.....	4,219	2,300	2,393	447	570	1,283	1,351	758	353	4,180	3,073	1,125
1958.....	2,608	2,034	2,827	418	440	580	1,278	789	327	3,664	2,773	1,135
1959.....	2,803	2,174	2,771	392	341	632	1,441	865	295	2,904	3,223	1,194
1959: September.....	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	143	76	17	183	284	1,093
October.....	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)	140	69	10	195	244	984
November.....	136	163	197	34	20	12	96	60	12	181	260	1,162
December.....	268	213	302	44	44	59	92	51	31	236	366	1,194
1960: January.....	283	185	323	43	46	106	87	57	34	209	221	1,199
February.....	234	140	290	34	37	81	76	50	26	241	289	1,269
March.....	245	165	296	23	41	90	119	69	16	287	345	1,339
April.....	270	192	288	26	26	96	136	75	21	285	270	1,299
June.....	273	210	276	77	44	75	145	80	23	333	268	1,276
July.....	243	183	239	23	35	47	121	67	21	301	270	1,258
August.....	246	233	227	29	33	39	139	84	23	332	262	1,227
September.....	229	208	215	27	31	20	n. a.	n. a.	24	324	260	1,183
Percent change												
September 1959-60.....	.....	.....	.....	.....	.....	.....	6 - 5	6 + 4	+ 40	+ 77	- 8	+ 8
12 mos. ending September 1959-60.....	.....	.....	.....	.....	.....	.....	7 - 2	7 - 10	- 19	+ 2	+ 11	.....

Table compiled by Department of Commerce (BDCA). Sources: ¹ American Iron and Steel Institute; ² Department of Commerce, Bureau of the Census; ³ National Electric Manufacturers Association; ⁴ American Institute of Steel Construction, Inc. *Scheduled for fabrication in the next 4 months. ⁵ No data available because of the steel strike. ⁶ August 1959-60. ⁷ 12 months ending August 1959-60.

Table F-5: Heating and Plumbing Equipment: Shipments and Stocks
(In thousands of units, except as noted)

Period	Gas water heaters		Cast-iron convectors and radiators (Thousand sq. ft.)		Furnaces				Residential oil burners, sold separately
					Warm air (all types and fuels)		Floor and wall		
	Shipments	Stocks*	Shipments	Stocks*	Shipments	Stocks*	Shipments	Stocks*	Shipments
1955.....	2,634	188	30,863	4,884	1,406	208	615	73	610
1956.....	2,712	134	29,567	3,810	1,355	218	492	70	532
1957.....	2,825	79	24,892	3,482	1,131	183	469	65	425
1958.....	2,914	83	22,350	3,182	1,248	170	485	49	382
1959.....	2,808	73	19,937	3,112	1,415	152	575	52	430
1959: August.....	257	45	2,046	4,613	153	222	53	64	40
September.....	247	69	2,725	3,859	173	204	62	55	49
October.....	280	53	2,720	3,270	175	180	72	52	49
November.....	203	42	2,196	2,869	122	165	54	45	30
December.....	195	105	1,479	5,181	88	183	39	50	20
1960: January.....	202	49	1,151	3,483	78	175	28	56	26
February.....	202	64	1,363	3,654	80	202	28	58	27
March.....	231	77	1,483	4,213	83	230	34	64	23
April.....	203	77	1,212	4,648	87	252	36	70	23
May.....	193	69	1,247	4,908	88	265	34	74	24
June.....	238	89	1,471	4,976	107	275	33	82	21
July.....	241	57	1,348	4,334	99	260	34	80	19
August.....	262	49	1,769	3,763	132	245	48	95	27
Percent change									
August 1959-60.....	+ 2	+ 11	- 14	- 18	- 14	+ 10	- 11	+ 48	- 34
12 mos. ending August 1959-60.....	- 11	.....	- 15	.....	- 7	.....	- 12	.....	- 19

Table compiled by Department of Commerce (BDCA) from data reported by the Bureau of the Census. *As of end of period.
r Revised.

Table F-6, Plumbing Fixtures, is published quarterly in the January, April, July and October issues.

**Table F-7.—Portland Cement: Production and Shipments in the United States and Puerto Rico;
Destination of Shipments by Geographic Division; Stocks**
(Thousands of barrels)

Period	Pro- duction	Total ship- ments*	Destination of shipments*								Stocks**	
			New England	Middle Atlan- tic	East North Central	West North Central	South Atlan- tic	East South Central	West South Central	Moun- tain		Pacific
1955.....	296,829	296,275	11,843	44,814	60,030	32,650	35,299	14,646	35,432	12,843	39,607	17,536
1956.....	316,465	311,571	13,234	45,273	66,433	32,920	37,156	15,268	35,916	14,178	43,098	22,412
1957.....	297,801	291,741	12,773	41,413	61,858	28,772	36,272	14,251	33,078	14,384	40,522	28,550
1958.....	311,319	309,650	10,679	42,287	63,650	34,867	37,979	14,908	37,622	16,717	43,340	30,800
1959.....	338,537	337,966	10,522	44,744	68,886	37,294	44,823	17,421	40,623	18,045	47,281	31,328
1959: September..	32,590	35,351	1,080	5,017	9,054	4,133	4,101	1,950	3,323	1,709	4,234	25,308
October....	31,127	32,523	1,003	4,528	7,525	4,030	3,882	1,578	3,371	1,563	4,317	23,912
November....	26,100	22,219	783	3,043	3,080	1,777	3,453	1,135	2,861	1,158	3,552	27,794
December....	24,111	20,577	641	2,429	3,387	1,807	3,260	1,079	2,772	1,183	3,332	31,328
1960: January....	18,787	12,909	400	1,817	1,393	574	2,418	652	1,863	782	2,440	37,088
February....	16,182	14,698	420	1,930	1,812	772	2,514	814	2,096	969	2,774	38,666
March.....	18,538	17,812	476	2,033	2,082	893	2,526	934	3,062	1,394	3,759	39,163
April.....	27,185	27,638	933	3,900	4,860	2,576	3,929	1,668	3,586	1,617	3,823	38,542
May.....	32,033	30,468	1,001	4,438	6,227	3,074	4,095	1,632	3,565	1,732	3,903	40,085
June.....	31,390	34,363	1,120	5,115	7,869	3,937	4,287	1,699	3,529	1,786	4,143	37,667
July.....	31,982	32,964	1,064	4,635	7,946	4,215	3,854	1,672	3,114	1,629	4,035	36,685
August.....	33,270	36,623	1,131	4,994	8,979	4,979	4,196	1,859	3,283	1,907	4,479	33,258
September..	31,130	33,866	975	4,110	8,455	4,827	3,587	1,724	3,464	1,842	4,158	30,509
Percent change												
September 1959-60..	- 4	- 4	- 10	- 18	- 7	+ 17	- 13	- 4	(1)	+ 8	- 2	+ 21
12 months ending- September 1959-60	- 6	- 7	- 7	- 4	- 7	- 12	- 5	- 5	- 13	- 5	- 6	.....

Table compiled by Department of Commerce (BDSA) from data reported by Department of Interior Bureau of Mines. *Data on ship-
ments to Alaska, Hawaii, and foreign countries and data on finished cement used in the manufacture of prepared masonry cement are
included in total shipments but are excluded from regional data. † Revised. 1 Change of less than one-half of 1 percent.

** As end of period.

Table F-8.—Shipments of Asphalt Products and Gypsum Products

Period	Asphalt products (thousands of squares) ¹				Gypsum products ² (million square feet)	
	Prepared roofing	Siding	Insulated brick siding	Saturated felts ³	Board	Lath
1955.....	62, 582	1, 288	2, 195	34, 629	4, 946	2, 940
1956.....	57, 590	1, 208	2, 055	29, 774	4, 824	2, 675
1957.....	53, 326	1, 036	1, 764	30, 761	4, 505	2, 224
1958.....	58, 228	1, 040	1, 616	31, 840	5, 263	2, 155
1959.....	59, 528	935	1, 516	34, 225	6, 343	2, 346
1959: September.....	6, 492	107	165	3, 180	1, 767	683
October.....	7, 216	122	145	3, 669	1, 501	529
November.....	3, 752	76	93	2, 220		
December.....	2, 866	51	59	2, 053		
1960: January.....	2, 632	52	46	1, 865	1, 338	456
February.....	3, 322	63	56	2, 394		
March.....	3, 746	56	72	2, 496		
April.....	4, 017	48	89	2, 282	1, 607	515
May.....	5, 268	62	106	2, 703		
June.....	5, 981	72	132	2, 988		
July.....	6, 002	78	112	3, 090	.....	.....
August.....	6, 738	84	142	3, 333		
September.....	6, 770	96	125	3, 165		
	Percent change					
September 1959-60.....	+ 4	- 10	- 24	(4)	5 - 4	5 - 19
12 mos. ending— September 1959-60.....	+ 1	- 12	- 26	- 2	6 + 4	6 - 5

Table compiled by Department of Commerce (BDSA). Sources: ¹ Department of Commerce, Bureau of the Census; ² Department of
Interior, Bureau of Mines (quarterly). ³ Includes data for tar saturated as well as asphalt saturated felts. ⁴ Change of less than
one-half of 1 percent. ⁵ 2nd quarter 1959-60. ⁶ 12 mos. ending June 1959-60.

Table F-9.—Clay Construction Products: Production and Shipments

Period	Brick, common and face (million brick)		Structural clay tile (thousand tons)		Vitrified clay sewer pipe (thousand tons)		Hollow facing tile (million brick equivalent)		Floor and wall tile, glazed and unglazed (thousand square feet)	
	Produc- tion	Ship- ments	Produc- tion	Ship- ments	Produc- tion	Ship- ments	Produc- tion	Ship- ments	Produc- tion	Ship- ments
1955.....	7,902	7,741	935	929	2,112	2,056	534	522	233,001	232,802
1956.....	8,085	7,382	862	750	2,154	2,039	576	535	245,996	227,369
1957.....	6,658	6,306	687	641	1,836	1,629	465	441	216,552	211,635
1958.....	6,489	6,459	574	543	1,773	1,772	484	453	221,768	215,710
1959.....	7,336	7,258	551	521	2,025	1,973	445	412	258,631	252,545
1959: August.....	675	687	50	48	176	199	39	36	21,253	21,999
September.....	692	690	48	46	186	194	38	35	23,388	22,282
October.....	695	654	49	44	191	186	39	38	24,720	23,956
November.....	620	543	48	35	161	146	35	31	23,080	20,612
December.....	572	464	38	34	166	131	35	30	23,037	20,411
1960: January.....	479	351	39	34	145	107	28	26	21,528	18,685
February.....	476	370	36	34	149	106	29	27	21,665	18,417
March.....	525	391	36	36	160	116	33	27	23,246	20,273
April.....	600	644	44	50	159	175	31	32	21,473	19,188
May.....	651	673	45	50	167	177	34	37	21,247	20,417
June.....	651	686	47	47	184	191	36	38	20,549	22,108
July.....	^r 609	^r 625	46	45	165	180	35	36	17,095	19,361
August.....	674	665	46	45	187	199	41	40	20,483	21,049
Percent change										
August 1959-60.....	(¹)	- 3	- 7	- 7	+ 6	(¹)	+ 6	+ 9	- 4	- 4
12 mos. ending August 1959-60	+ 1	- 7	- 8	- 9	+ 2	- 3	- 12	- 9	+ 7	+ 2

Table compiled by Department of Commerce (BDSA).

¹ Change of less than one-half of 1 percent.^r Revised.

Table F-10, Imports and Exports of Selected Construction Materials, which was formerly published quarterly, will appear annually in the June issue.

Part G.—Contract Construction Employment

Table G-1.—Number of Employees by Type of Contractor

Period	All contractors*	Building contractors							Nonbuilding contractors		
		All building contractors	General contractors	Special trades					All non-building contractors	Highway and street	Other heavy construction
				All special trades	Plumbing and heating	Painting and decorating	Electrical work	Other trades			
Number of employees (in thousands)											
1955.....	2,759	2,243	922.6	1,320.8	317.0	162.3	168.4	673.1	516	232.4	284.0
1956.....	2,929	2,336	970.0	1,366.0	328.7	170.9	186.2	680.2	593	257.9	335.3
1957.....	2,808	2,222	869.3	1,352.7	321.7	164.2	188.9	677.9	586	250.1	335.6
1958.....	2,648	2,079	750.6	1,328.6	303.6	169.6	173.2	682.2	569	256.0	313.2
1959.....	2,788	2,183	757.9	1,424.7	310.5	201.4	174.2	738.6	584	271.2	312.7
1959: September ..	3,068	2,383	827.7	1,555.2	329.1	239.9	185.1	801.1	660	329.5	330.8
October	2,985	2,327	801.6	1,524.9	322.6	228.4	181.1	792.8	634	309.5	324.0
November...	2,877	2,269	764.8	1,504.6	314.5	222.0	180.1	788.0	587	270.8	316.6
December...	2,719	2,181	725.5	1,455.2	308.6	204.9	176.3	765.4	518	220.5	297.0
1960: January	2,472	2,016	660.5	1,355.1	296.6	183.5	171.0	704.0	437	170.0	267.3
February...	2,408	1,960	638.7	1,321.7	287.5	178.2	169.3	686.7	429	167.5	261.4
March.....	2,331	1,896	609.8	1,286.6	281.2	179.9	165.3	660.2	416	161.5	254.8
April.....	2,611	2,088	705.4	1,382.7	291.1	196.3	170.0	724.3	502	222.0	279.7
May.....	2,853	2,236	774.2	1,461.9	304.2	222.0	176.5	759.2	594	284.2	310.1
June.....	3,002	2,334	816.8	1,517.6	311.3	234.2	187.9	784.2	643	315.0	328.1
July.....	3,125	2,439	857.9	1,580.6	315.5	251.6	199.6	813.9	659	320.1	338.7
August.....	3,157	2,469	857.3	1,611.7	321.6	255.9	206.7	827.5	661	322.9	338.0
September ..	3,094	2,428	837.9	1,589.9	326.7	243.7	201.6	817.9	640	313.4	327.0
October	**3,037										
Percent change											
Aug.-Sep. 1960....	- 2.0	- 1.7	- 2.3	- 1.4	+ 1.6	- 4.8	- 2.5	- 1.2	- 3.2	- 2.9	- 3.3
12 mos. ending in September 1959-60	(¹)	+ 3.2	+ .1	+ 4.9	- 1.2	+ 13.3	- 4.4	+ 5.5	+ 4.4	- 6.0	- 3.0

Source: Department of Labor, Bureau of Labor Statistics. *Beginning with January 1959 data includes estimated data for Alaska and Hawaii. No estimates are available by type of contractor. **Preliminary estimate, not available by type of contractor. Percent change: September-October 1960, -1.8. October 1959-60, +1.7. ¹ Calculations will not be made until December 1960 when comparable 50-state, 12-month moving totals will be available. ² Revised.

Table G-2.—Number of Employees, Seasonally Adjusted
(In thousands)

Year	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual average
1948.....	2,120	2,015	2,065	2,105	2,136	2,184	2,199	2,212	2,220	2,229	2,249	2,251	2,169
1949.....	2,222	2,171	2,146	2,128	2,124	2,130	2,157	2,176	2,197	2,192	2,190	2,141	2,165
1950.....	2,119	2,101	2,105	2,173	2,236	2,337	2,405	2,451	2,473	2,502	2,517	2,471	2,333
1951.....	2,526	2,521	2,569	2,593	2,596	2,613	2,633	2,641	2,630	2,653	2,606	2,620	2,603
1952.....	2,599	2,624	2,588	2,586	2,597	2,645	2,658	2,672	2,682	2,648	2,650	2,632	2,634
1953.....	2,647	2,669	2,653	2,638	2,613	2,598	2,588	2,596	2,612	2,632	2,623	2,626	2,622
1954.....	2,533	2,583	2,600	2,614	2,603	2,599	2,591	2,594	2,586	2,584	2,618	2,615	2,593
1955.....	2,624	2,618	2,703	2,759	2,813	2,823	2,829	2,813	2,810	2,777	2,760	2,750	2,759
1956.....	2,768	2,802	2,834	2,891	2,964	3,079	2,984	3,007	2,980	2,951	2,926	2,917	2,929
1957.....	2,798	2,831	2,859	2,855	2,891	2,899	2,847	2,805	2,782	2,763	2,710	2,679	2,808
1958.....	2,652	2,455	2,573	2,624	2,698	2,698	2,693	2,711	2,698	2,698	2,690	2,550	2,648
1959.....	2,650	2,626	2,719	2,829	2,787	2,799	2,800	2,814	2,776	2,762	2,792	2,800	2,767
1960.....	2,775	2,781	2,601	2,752	2,783	2,790	2,858	² 2,835	² 2,799	2,810			
Percent change, 1959 to 1960													
	+ 4.7	+ 5.9	- 4.3	- 2.7	- .1	- .3	+ 2.1	² + .7	² + .8	+ 1.7			

Source: Department of Labor, Bureau of Labor Statistics. Note: Data for Alaska and Hawaii are not included. ² Revised.

Table G-3.—Indexes of Aggregate Weekly Construction Worker Man-Hours
(1947-49=100)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual average
1948.....	89.6	81.3	86.7	95.0	102.2	111.9	115.1	117.3	116.2	113.3	106.6	105.4	103.4
1949.....	94.2	88.9	89.2	95.0	103.1	106.8	110.5	114.2	111.5	111.4	104.4	94.9	102.0
1950.....	84.6	79.5	83.7	95.8	106.1	116.7	122.1	129.5	126.1	128.9	123.9	112.7	109.1
1951.....	106.4	99.3	105.4	116.9	126.4	131.8	137.7	141.1	138.5	139.8	124.2	121.6	124.1
1952.....	111.1	112.3	108.3	117.5	125.4	136.8	138.9	143.2	144.0	139.9	128.2	123.9	127.5
1953.....	109.1	108.7	109.1	115.8	122.6	130.4	132.0	137.2	131.7	136.7	126.7	117.2	123.1
1954.....	95.5	102.8	106.4	113.5	120.3	128.0	131.4	134.0	128.6	128.6	123.3	114.4	118.9
1955.....	101.4	98.6	108.4	115.8	129.8	137.0	144.0	144.3	146.6	138.3	125.6	121.1	125.9
1956.....	108.1	108.5	109.2	123.6	136.4	152.6	151.5	157.1	155.4	151.1	137.6	128.9	135.0
1957.....	105.6	112.2	114.8	122.3	131.9	141.2	143.2	145.5	141.3	137.0	120.2	112.9	127.3
1958.....	102.4	85.9	98.9	109.1	122.7	128.1	132.1	137.9	136.1	135.3	123.8	105.7	118.2
1959.....	99.7	92.0	103.7	119.0	129.2	138.9	140.1	146.1	136.5	133.7	123.3	118.9	123.4
1960.....	101.6	98.5	94.9	114.3	126.3	135.5	142.9	144.9	139.6	139.3			
Percent change, 1959 to 1960													
	+ 1.9	+ 7.1	- 8.5	- 4.0	- 2.2	- 2.4	+ 2.0	+ .8	+ 2.3	+ 4.2			

Source: Department of Labor, Bureau of Labor Statistics. Note: Data for Alaska and Hawaii are not included. † Revised.

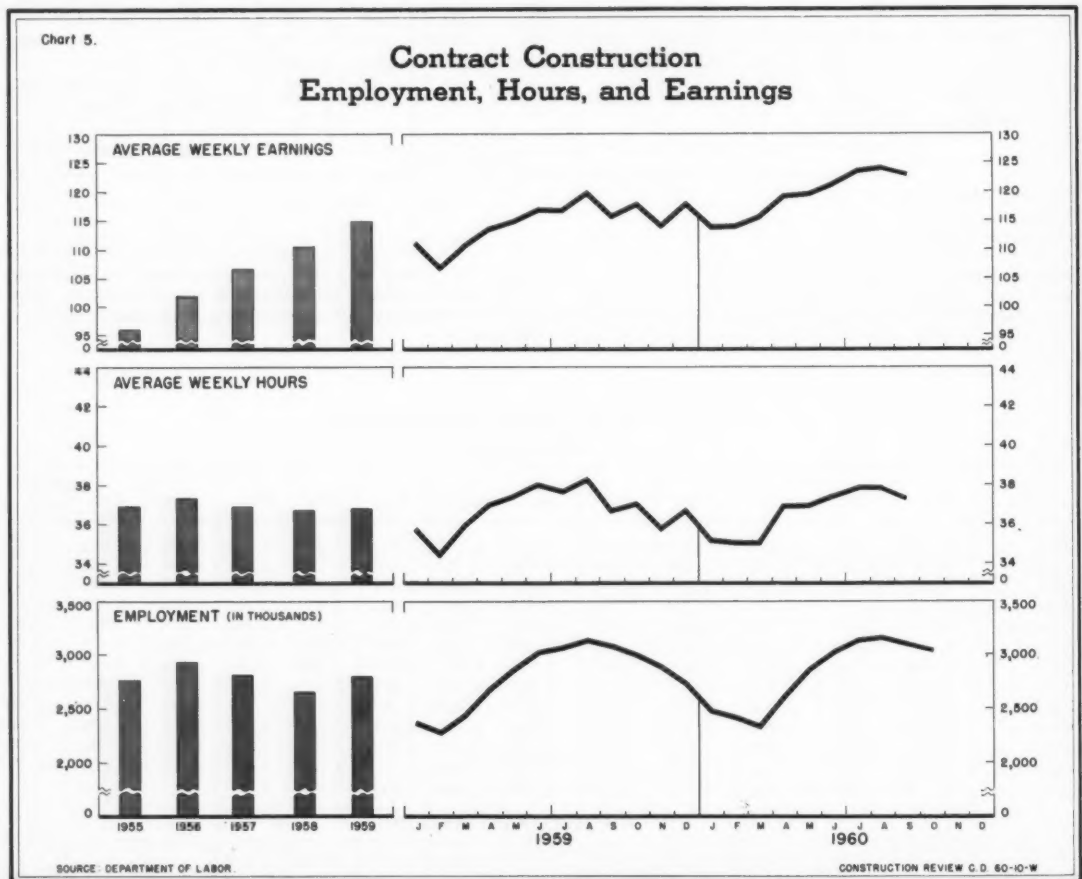


Table G-4.—Hours and Gross Earnings of Construction Workers, by Type of Contractor

Period	All contractors	Building contractors							Nonbuilding contractors		
		All building contractors	General contractors	Special trades					All non-building contractors	Highway and street	Other heavy construction
				All special trades	Plumbing and heating	Painting and decorating	Electrical work	Other trades			
Average weekly earnings											
1955.....	\$95.94	\$96.29	\$90.22	\$100.83	\$106.40	\$94.38	\$116.52	\$96.21	\$95.11	\$91.27	\$98.50
1956.....	101.83	101.92	95.04	107.16	112.31	99.81	125.22	102.39	101.59	97.63	104.94
1957.....	106.64	106.86	98.89	112.17	118.87	103.75	132.10	106.30	105.07	98.66	110.15
1958.....	110.47	110.67	102.53	115.28	123.23	107.95	135.97	109.31	109.47	104.14	114.26
1959.....	114.82	115.28	106.39	120.27	128.56	113.40	142.08	113.80	113.24	108.09	118.40
1959: September.....	115.66	116.71	107.87	121.70	126.29	116.47	138.75	117.51	112.58	109.62	116.35
October.....	117.66	117.72	109.85	122.38	130.79	115.17	144.38	116.49	117.74	113.03	123.01
November.....	113.88	114.14	103.93	120.04	129.08	113.86	142.51	113.23	110.87	104.80	116.74
December.....	117.81	119.13	108.78	124.53	133.32	115.87	148.19	118.27	113.47	103.88	120.87
1960: January.....	113.72	114.87	104.88	119.72	129.83	111.89	146.30	111.54	108.00	96.75	115.50
February.....	113.75	114.22	104.31	119.71	128.43	110.22	144.77	112.53	111.16	101.01	117.56
March.....	115.50	115.60	104.83	120.74	130.27	113.91	146.69	112.83	116.91	105.69	124.26
April.....	119.19	119.19	109.50	124.57	131.98	115.58	147.07	118.99	117.96	112.36	123.51
May.....	119.56	119.91	110.26	124.93	132.68	116.60	148.23	119.70	118.03	111.90	123.86
June.....	121.18	121.24	111.13	126.69	134.87	118.62	149.38	121.41	121.06	117.43	125.15
July.....	123.61	123.68	113.77	128.83	135.20	120.70	150.93	124.31	124.91	122.36	127.80
August.....	124.31	123.68	113.52	128.82	135.58	119.65	151.32	124.55	126.90	124.26	129.97
September.....	123.09	122.74	111.74	128.50	134.95	120.38	151.71	122.84	125.70	124.26	127.84
Average weekly hours											
1955.....	36.9	36.2	35.8	36.4	38.0	34.7	39.1	35.5	40.3	41.3	39.9
1956.....	37.3	36.4	36.0	36.7	38.2	34.9	39.5	35.8	40.8	41.9	39.4
1957.....	36.9	36.1	35.7	36.3	38.1	34.7	39.2	35.2	39.8	40.6	39.2
1958.....	36.7	35.7	35.6	35.8	37.8	34.6	38.3	34.7	40.1	41.0	39.4
1959.....	36.8	35.8	35.7	35.9	37.7	35.0	38.4	34.8	40.3	41.1	39.6
1959: September.....	36.6	35.8	35.6	35.9	36.5	35.4	37.0	35.5	39.5	40.6	38.4
October.....	37.0	36.0	35.9	36.1	37.8	34.9	38.5	35.3	40.6	41.1	40.2
November.....	35.7	34.8	34.3	35.1	37.2	34.4	37.8	33.9	38.9	39.4	38.4
December.....	36.7	36.1	35.9	36.2	38.2	34.9	39.1	35.2	39.4	39.2	39.5
1960: January.....	35.1	34.6	34.5	34.6	37.2	33.4	38.4	33.0	37.5	37.5	37.5
February.....	35.0	34.3	34.2	34.4	36.8	32.9	37.8	33.0	38.2	38.7	37.8
March.....	35.0	34.2	33.6	34.4	36.8	33.8	38.1	32.8	39.1	39.0	39.2
April.....	36.9	35.9	35.9	35.9	37.6	34.4	38.3	35.1	41.1	42.4	40.1
May.....	36.9	35.9	35.8	35.9	37.8	34.6	38.5	35.0	40.7	41.6	39.7
June.....	37.4	36.3	36.2	36.3	38.1	35.2	38.7	35.5	41.6	42.7	40.5
July.....	37.8	36.7	36.7	36.6	38.3	35.5	38.7	35.9	42.2	43.7	40.7
August.....	37.9	36.7	36.5	36.7	38.3	35.4	38.9	36.1	42.3	43.6	41.0
September.....	37.3	36.1	35.7	36.3	37.8	35.2	38.9	35.4	41.9	43.6	40.2
Average hourly earnings											
1955.....	\$2.60	\$2.66	\$2.52	\$2.77	\$2.80	\$2.72	\$2.98	\$2.71	\$2.36	\$2.21	\$2.50
1956.....	2.73	2.80	2.64	2.92	2.94	2.86	3.17	2.86	2.49	2.33	2.63
1957.....	2.89	2.96	2.77	3.09	3.12	2.99	3.37	3.02	2.64	2.43	2.81
1958.....	3.01	3.10	2.88	3.22	3.26	3.12	3.55	3.15	2.73	2.54	2.90
1959.....	3.12	3.22	2.98	3.35	3.41	3.24	3.70	3.27	2.81	2.63	2.99
1959: September.....	3.16	3.26	3.03	3.39	3.46	3.29	3.75	3.31	2.85	2.70	3.03
October.....	3.18	3.27	3.06	3.39	3.46	3.29	3.75	3.30	2.90	2.75	3.06
November.....	3.19	3.28	3.03	3.42	3.47	3.31	3.77	3.34	2.85	2.66	3.04
December.....	3.21	3.30	3.03	3.44	3.49	3.32	3.79	3.36	2.88	2.65	3.06
1960: January.....	3.24	3.32	3.04	3.46	3.49	3.35	3.81	3.38	2.88	2.58	3.08
February.....	3.25	3.33	3.05	3.48	3.49	3.35	3.83	3.41	2.91	2.61	3.11
March.....	3.30	3.38	3.12	3.51	3.54	3.37	3.85	3.44	2.99	2.71	3.17
April.....	3.23	3.32	3.05	3.47	3.51	3.36	3.84	3.39	2.87	2.65	3.08
May.....	3.24	3.34	3.08	3.48	3.51	3.37	3.85	3.42	2.90	2.69	3.12
June.....	3.24	3.34	3.07	3.49	3.54	3.37	3.86	3.42	2.91	2.75	3.09
July.....	3.27	3.37	3.10	3.52	3.53	3.40	3.90	3.46	2.96	2.80	3.14
August.....	3.28	3.37	3.11	3.51	3.54	3.38	3.89	3.45	3.00	2.85	3.17
September.....	3.30	3.40	3.13	3.54	3.57	3.42	3.90	3.47	3.00	2.85	3.18
Percent change, September 1959-60											
Avg. weekly earnings..	+ 6.4	+ 5.2	+ 3.6	+ 5.6	+ 6.9	+ 3.4	+ 9.3	+ 4.5	+ 11.7	+ 13.4	+ 9.9
Avg. weekly hours.....	+ 1.9	+ .8	+ .3	+ 1.1	+ 3.6	- .6	+ 5.1	- .3	+ 6.1	+ 7.4	+ 4.7
Avg. hourly earnings...	+ 4.4	+ 4.3	+ 3.3	+ 4.4	+ 3.2	+ 4.0	+ 4.0	+ 4.8	+ 5.3	+ 5.6	+ 5.0

Source: Department of Labor, Bureau of Labor Statistics. Note: Data for Alaska and Hawaii are not included. Revised.

Table G-5.—Number of Employees, by State and Selected Area*
(In thousands)

State and area	Annual average		1959			1960						
	1958	1959	Aug.	Sept.	Oct.	Mar.	Apr.	May	June	July	Aug.	Sept.
Alabama.....	41.7	43.7	48.2	46.6	45.7	40.6	41.7	44.0	46.3	47.4	48.8	47.3
Birmingham.....	10.8	10.4	10.8	10.6	10.6	10.4	10.8	11.0	11.1	11.2	11.2	10.8
Mobile.....	5.0	5.3	5.3	5.3	5.3	5.3	5.3	5.2	5.3	5.4	5.4	5.4
Arizona.....	26.6	28.5	28.4	30.8	31.8	33.5	33.0	32.5	32.6	33.0	33.5	33.7
Phoenix.....	14.4	16.6	16.3	17.7	18.2	18.6	18.3	18.2	18.2	18.3	18.4	18.7
Tucson.....	5.6	6.6	7.1	7.6	7.8	7.4	7.1	6.6	6.7	6.7	6.9	6.8
Arkansas.....	17.9	18.6	21.6	21.2	20.1	14.3	18.7	20.0	21.7	22.0	22.7	22.9
Little Rock-North Little Rock.....	5.8	5.4	6.4	5.9	5.7	4.0	5.7	6.1	7.0	7.0	7.0	6.9
California.....	275.7	287.0	318.2	314.9	313.7	296.9	304.6	314.6	320.7	326.4	329.9	324.7
Los Angeles-Long Beach.....	121.0	131.9	135.1	135.4	133.8	130.5	132.2	135.3	136.7	138.4	140.1	138.5
Sacramento.....	9.6	12.1	13.4	13.4	13.5	12.1	12.8	13.9	14.4	14.7	15.1	15.0
San Diego.....	18.0	19.5	22.8	23.0	22.8	21.6	21.6	20.8	21.5	21.6	21.5	19.8
San Francisco-Oakland.....	56.6	60.0	62.9	61.7	62.8	58.2	59.9	61.2	62.5	62.8	63.6	63.6
San Jose.....	12.9	15.4	16.7	16.5	16.6	15.5	16.0	16.2	16.7	17.3	17.7	18.0
Colorado.....	34.0	34.5	39.3	38.2	36.5	29.3	31.4	32.9	36.0	36.9	38.1	38.8
Denver.....	21.0	22.5	25.0	24.6	24.3	19.9	20.5	21.2	23.2	24.0	24.9	25.5
Connecticut ¹	47.1	42.0	46.5	46.6	45.2	38.0	42.8	46.9	48.0	48.6	49.2	47.9
Bridgeport.....	5.6	4.9	5.3	5.4	5.4	4.3	4.7	5.0	5.6	5.8	6.0	5.9
Hartford.....	10.3	9.2	10.0	10.0	9.9	9.3	9.8	10.8	11.5	11.8	12.2	12.0
New Britain ¹	1.3	1.2	1.4	1.3	1.3	1.0	1.3	1.4	1.5	1.6	1.6	1.5
New Haven ¹	7.0	6.2	6.8	6.8	6.5	5.5	6.3	6.7	7.3	7.7	7.8	7.6
Stamford ¹	3.5	3.0	3.2	3.2	3.1	2.7	3.3	3.6	3.9	3.9	4.0	4.0
Waterbury ¹	2.0	1.8	2.1	2.0	2.0	1.7	1.9	2.0	2.1	2.1	2.2	2.1
Delaware.....	11.5	12.1	13.4	13.0	13.0	10.3	11.5	12.1	12.5	12.6	12.7	12.5
Wilmington.....	9.4	9.2	10.3	10.2	10.1	7.6	7.9	9.0	9.2	9.2	9.2	8.9
District of Columbia.....	19.6	22.5	24.6	24.2	23.9	19.3	21.0	21.7	22.3	22.6	22.8	22.6
Washington.....	42.7	50.5	55.3	54.9	54.2	45.2	49.5	51.3	52.3	52.5	53.1	52.5
Florida.....	124.8	129.9	135.9	134.2	133.2	116.9	114.2	114.4	114.6	118.3	119.1	117.8
Jacksonville.....	10.8	11.5	11.5	11.9	11.4	10.8	10.9	10.9	10.9	10.9	10.8	10.3
Miami.....	28.0	27.2	29.0	29.3	29.5	23.7	23.3	24.2	24.3	25.3	26.7	26.7
Tampa-St. Petersburg.....	21.5	22.9	23.2	23.4	23.6	22.2	21.5	21.3	21.2	21.3	21.7	21.6
Georgia.....	52.6	56.3	61.5	58.8	56.9	47.4	53.3	55.8	57.9	57.6	58.3	57.5
Atlanta.....	20.1	21.7	23.5	23.0	22.3	18.1	20.5	21.0	21.5	21.5	21.9	21.7
Savannah.....	3.9	3.8	4.1	3.9	3.8	3.2	3.5	3.6	3.6	3.4	3.3	3.3
Idaho.....	11.0	10.1	11.9	11.2	10.7	7.5	9.5	10.5	11.3	11.7	12.0	12.0
Boise.....	1.8	2.0	2.2	2.1	2.0	1.6	1.9	2.0	2.1	2.2	2.2	2.2
Illinois.....	165.3	169.0	188.3	183.7	182.6	144.3	163.6	178.3	181.0	194.3	194.6	193.0
Chicago.....	123.9	107.7	117.4	114.8	112.4	95.0	103.6	113.2	113.6	122.2	122.5	(³)
Peoria.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rockford.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Indiana.....	65.4	60.9	68.9	67.5	64.5	48.0	59.4	66.8	72.1	72.5	(³)	(³)
Evansville.....	2.8	2.7	2.9	2.8	2.7	2.1	2.5	2.7	2.9	2.9	2.9	2.8
Fort Wayne.....	3.9	3.9	4.3	4.3	4.3	3.2	3.4	3.4	3.6	3.6	3.8	3.9
Indianapolis.....	12.9	13.2	15.0	14.9	14.6	12.0	13.6	14.4	15.0	15.3	15.5	15.0
South Bend.....	2.8	3.0	3.4	3.4	3.2	2.7	2.8	3.1	3.3	3.3	3.3	3.3
Iowa.....	34.4	37.2	44.7	43.6	42.6	28.0	32.3	38.0	42.5	43.3	(³)	(³)
Des Moines.....	4.9	5.3	6.1	5.9	5.8	4.2	4.6	5.0	6.2	6.3	6.1	6.0
Kansas.....	35.9	36.0	40.7	38.0	35.9	20.1	30.2	32.6	34.9	36.5	(³)	(³)
Topeka.....	4.2	3.4	3.8	3.6	3.4	1.9	3.1	3.4	3.5	3.3	3.2	3.1
Wichita.....	6.8	6.8	7.4	7.1	6.5	4.1	5.2	5.7	5.9	6.2	(³)	(³)
Kentucky.....	34.0	35.4	39.3	38.9	36.5	21.9	31.4	34.5	37.4	38.2	38.6	35.9
Louisville.....	12.5	14.0	16.4	15.3	14.6	10.8	13.1	14.6	14.9	16.3	16.0	15.0

See footnotes at end of table.

Table G-5—Number of Employees, by State and Selected Areas*—Con.

State and area	(In thousands)											
	Annual		1959			1960						
	1958	1959	Aug.	Sep.	Oct.	Mar.	Apr.	May	June	July	Aug.	Sep.
Louisiana.....	64.2	58.7	59.3	62.0	58.4	53.0	52.8	55.3	55.6	57.3	60.5	60.5
Baton Rouge.....	8.7	7.7	8.0	7.6	7.0	6.7	6.6	6.8	7.0	6.7	6.5	6.4
New Orleans.....	19.6	18.4	18.5	19.0	19.0	17.4	16.9	17.0	17.2	17.5	17.8	17.7
Shreveport.....	6.6	6.6	7.2	6.6	6.2	6.0	6.4	6.5	6.8	7.0	6.8	6.5
Maine.....	12.9	14.2	17.3	16.6	16.6	9.9	11.4	15.2	16.5	17.5	17.1	16.4
Lewiston-Auburn.....	1.0	1.0	1.2	1.2	1.2	.9	1.0	1.2	1.2	1.3	1.3	1.3
Portland.....	2.9	3.0	3.5	3.6	3.5	2.2	2.4	3.0	3.1	3.3	3.4	3.3
Maryland.....	59.1	63.1	70.1	69.7	67.0	51.6	60.1	63.7	66.7	69.3	70.5	69.6
Baltimore.....	36.5	37.6	41.6	41.5	39.9	30.8	35.2	37.1	39.4	41.0	41.9	41.4
Massachusetts.....	75.6	80.5	91.0	90.6	89.7	63.8	72.9	82.2	85.6	88.9	91.4	90.6
Boston.....	45.5	49.7	56.4	56.1	55.6	39.5	45.2	50.9	53.0	55.0	56.6	56.1
New Bedford.....	1.1	1.3	1.5	1.5	1.5	1.0	1.2	1.3	1.4	1.5	1.5	1.5
Springfield-Holyoke.....	5.0	5.5	7.4	7.3	7.3	5.2	5.2	6.7	6.9	7.2	7.4	7.3
Worcester.....	3.4	2.6	4.3	4.3	4.2	3.0	3.4	3.9	4.0	4.2	4.3	4.2
Michigan.....	93.9	97.6	116.0	111.6	108.0	78.1	85.9	98.6	98.1	113.5	121.5	116.8
Detroit.....	47.2	46.5	54.3	50.9	48.0	33.4	36.4	41.4	40.4	47.4	52.2	52.4
Flint.....	3.5	4.0	4.8	4.7	4.6	3.1	3.5	3.8	3.9	4.2	4.4	4.0
Grand Rapids.....	5.4	5.5	6.3	6.4	6.0	3.9	4.6	5.4	5.6	6.2	6.2	6.5
Lansing.....	4.1	3.9	4.6	4.3	4.2	2.7	3.6	4.0	4.5	4.7	4.9	4.8
Muskegon-Muskegon Heights.....	1.4	1.3	1.5	1.4	1.3	.9	1.2	1.4	1.4	1.5	1.5	1.5
Saginaw.....	2.5	2.5	2.9	2.9	2.9	2.0	2.2	2.6	2.9	3.0	3.1	3.0
Minnesota.....	52.6	54.7	67.9	66.0	64.9	40.9	46.5	55.3	63.5	67.4	70.1	69.0
Duluth.....	2.5	2.3	2.7	2.8	2.6	1.6	1.7	1.7	2.0	1.8	2.3	2.2
Minneapolis-St. Paul.....	28.9	31.1	36.7	36.2	36.1	24.8	27.2	30.1	32.2	34.7	35.1	34.4
Mississippi.....	22.9	25.0	26.8	26.1	24.7	18.5	19.4	20.4	20.9	21.6	21.7	20.6
Jackson.....	4.9	5.2	5.3	5.1	4.9	4.2	4.3	4.3	4.3	4.3	5.0	4.8
Missouri.....	62.4	64.8	71.3	71.5	67.4	47.1	56.5	58.4	61.5	62.1	69.3	70.3
Kansas City.....	22.8	23.0	24.1	24.2	22.5	15.2	7.8	8.0	9.1	8.7	15.8	18.0
St. Louis.....	33.6	35.9	37.7	38.1	38.7	25.7	34.5	37.2	39.7	40.7	42.8	43.3
Montana.....	10.9	10.8	13.7	12.9	11.6	6.5	9.3	10.4	12.0	12.4	13.0	13.0
Great Falls.....	1.8	1.9	2.3	2.1	1.9	1.3	1.5	1.6	1.7	1.7	1.6	2.0
Nebraska.....	19.8	21.8	25.4	24.4	24.3	15.3	19.9	22.6	23.6	25.6	(³)	(³)
Omaha ¹	9.2	9.6	10.6	10.7	10.9	7.3	8.7	10.0	10.7	11.3	11.5	11.1
Nevada.....	6.2	6.8	7.8	8.0	7.7	7.0	7.6	7.7	7.7	7.8	8.0	8.0
Reno.....	2.6	2.6	2.7	3.0	2.9	2.5	2.8	3.0	2.8	2.9	3.1	3.1
New Hampshire.....	9.0	8.7	10.8	10.5	10.5	7.3	8.4	9.8	10.4	10.9	10.9	10.6
Manchester.....	1.9	2.0	2.3	2.3	2.4	2.0	2.2	2.3	2.5	2.5	2.4	2.3
New Jersey.....	93.4	97.5	108.6	105.3	107.4	90.7	101.1	104.7	106.6	106.9	110.3	109.0
New Jersey City.....	7.8	7.5	8.2	8.1	8.0	7.4	8.0	8.3	8.7	8.9	9.3	9.1
Newark.....	27.7	27.4	31.3	30.3	29.7	23.8	25.1	26.1	27.6	28.4	29.3	29.6
Paterson-Clifton-Passaic.....	22.8	23.1	23.6	21.8	22.5	17.8	19.6	20.3	20.5	20.5	21.5	20.5
Perth Amboy.....	8.3	8.6	10.1	9.7	9.6	7.9	8.5	9.0	9.4	9.9	10.5	10.2
Trenton.....	4.3	4.6	4.9	4.4	5.0	3.6	4.4	4.8	4.9	4.2	4.7	4.4
New Mexico.....	20.7	21.0	22.5	22.1	20.2	18.9	19.2	19.6	19.7	20.0	20.0	20.9
Albuquerque.....	6.6	8.0	7.6	7.3	6.8	7.9	7.9	8.4	8.9	9.2	(³)	(³)
New York.....	253.1	264.2	295.5	296.3	288.2	233.3	263.3	286.3	295.2	292.7	290.0	297.4
Albany-Schenectady-Troy.....	8.3	7.9	9.1	8.9	8.5	5.6	7.6	9.2	10.0	10.3	10.2	10.1
Binghamton-Endicott.....	3.3	3.1	3.7	3.7	3.7	2.7	3.2	3.6	3.9	4.2	4.4	4.2
Buffalo.....	22.5	25.5	30.2	31.0	29.3	22.7	27.4	29.9	20.4	28.5	30.2	(³)
Nassau and Suffolk Counties.....	33.0	35.2	40.3	41.5	39.5	23.2	31.9	34.8	36.2	35.2	34.1	31.7
New York City.....	117.0	123.4	130.3	132.8	128.7	116.9	125.1	130.3	134.5	125.8	117.8	124.1
New York-Northeastern New Jersey ⁵	229.1	240.4	266.3	266.5	259.4	213.3	238.0	251.1	258.8	252.1	247.1	248.9
Rochester.....	9.9	10.5	12.4	12.5	12.5	8.2	8.8	9.9	11.2	12.1	13.0	12.5
Syracuse.....	7.7	7.8	9.3	9.1	8.9	6.3	6.8	7.7	9.1	7.9	9.1	9.1
Utica-Rome.....	3.8	3.4	4.4	3.8	3.5	1.5	2.1	3.8	4.4	3.9	4.7	4.8
Westchester County.....	16.9	17.0	20.0	19.5	18.6	13.4	16.4	18.3	18.2	19.5	20.4	19.6

See footnotes at end of table.

Table G-5.—Number of Employees, by State and Selected Areas*—Con.
(In thousands)

State and area	Annual average		1959			1960						
	1958	1959	Aug.	Sep.	Oct.	Mar.	Apr.	May	June	July	Aug.	Sep.
North Carolina.....	58.6	61.4	64.9	63.6	62.4	51.0	62.8	64.6	65.8	66.2	66.0	62.9
Charlotte	7.1	7.9	8.6	9.0	8.9	6.9	8.8	9.0	9.2	9.4	9.3	9.0
North Dakota.....	10.3	11.7	15.8	15.2	13.9	6.0	7.2	9.6	10.9	14.1	11.5	11.1
Fargo	2.2	2.1	2.7	2.7	2.6	1.2	1.4	2.2	2.5	2.5	2.6	2.6
Ohio	154.9	147.5	168.7	167.3	161.8	121.5	141.6	152.7	159.7	167.8	168.6	166.3
Akron.....	7.0	7.6	9.6	9.3	8.7	5.8	6.3	7.2	7.9	8.4	8.2	8.3
Canton	4.5	4.0	4.8	4.8	4.5	3.2	4.0	4.6	4.7	5.2	5.3	5.1
Cincinnati	19.3	20.1	21.7	22.0	22.2	17.8	20.2	21.2	21.7	22.9	22.6	22.2
Cleveland	34.6	32.4	36.4	35.6	34.5	27.4	30.3	32.2	33.9	35.9	36.2	35.7
Columbus	13.9	14.7	17.6	17.4	16.5	11.8	13.8	15.0	15.7	16.2	16.9	16.9
Dayton.....	9.4	10.0	11.8	11.4	10.8	7.7	9.1	9.7	10.4	11.2	11.7	11.8
Toledo.....	8.6	7.9	9.4	9.5	9.2	6.7	7.7	8.4	8.7	9.9	9.7	9.3
Youngstown-Warren	7.7	7.7	8.7	8.5	8.2	6.0	7.4	8.1	8.3	8.5	8.0	8.4
Oklahoma.....	31.7	35.3	37.4	36.2	34.3	27.3	32.1	32.2	33.5	34.2	35.2	35.2
Oklahoma City	9.9	12.2	13.6	13.3	12.9	10.3	11.6	11.7	12.5	12.3	12.4	12.3
Tulsa.....	7.7	9.2	9.6	9.6	9.6	8.2	9.3	9.6	9.7	9.9	10.3	10.3
Oregon	23.9	25.3	30.5	29.8	28.0	22.4	24.2	25.8	29.2	30.6	30.8	29.9
Portland	13.4	14.4	16.9	16.8	15.3	13.6	14.5	15.0	16.3	17.2	17.4	17.4
Pennsylvania.....	167.5	167.2	194.1	193.2	188.0	138.1	160.3	175.6	184.7	195.3	196.7	191.0
Allentown-Bethlehem-Easton	7.3	7.4	7.9	8.0	7.8	6.2	7.3	7.3	7.3	7.6	7.9	7.7
Erie	2.7	2.6	3.4	3.1	3.0	1.6	1.8	2.0	2.4	2.5	2.4	2.3
Harrisburg.....	7.8	8.1	9.6	9.6	9.1	6.3	7.8	8.6	9.3	10.0	10.1	9.7
Lancaster.....	4.4	4.9	5.6	5.4	5.2	4.0	4.6	4.9	5.1	5.1	5.2	5.1
Philadelphia.....	72.0	72.8	81.7	81.7	79.6	59.7	66.1	70.2	74.1	78.4	78.3	77.0
Pittsburgh.....	40.2	40.7	43.9	43.3	41.9	34.4	39.1	42.1	43.1	45.8	46.4	43.8
Reading.....	3.9	4.0	4.4	4.3	4.3	3.0	3.5	4.0	4.3	4.5	4.4	4.2
Scranton.....	1.9	2.0	2.5	2.4	2.4	1.4	1.5	1.9	2.1	2.2	2.3	2.2
Wilkes-Barre-Hazleton.....	3.5	3.5	4.1	4.2	4.2	2.6	3.1	3.6	3.9	4.0	3.8	3.6
York	4.4	4.5	5.1	4.9	4.7	3.7	4.4	4.6	4.6	4.7	4.9	5.0
Rhode Island.....	11.5	11.6	13.4	13.4	12.9	8.7	11.0	12.3	12.9	13.1	13.2	13.1
Providence.....	10.1	10.3	11.8	11.8	11.4	7.7	9.7	10.9	11.4	11.6	11.7	11.6
South Carolina.....	30.7	33.3	35.0	34.1	35.1	33.6	37.1	38.3	38.9	39.7	39.5	40.7
Charleston.....	3.9	4.2	4.4	4.2	4.3	3.5	3.7	3.6	3.7	3.8	3.6	3.6
Columbia.....	4.2	4.1	4.5	4.3	4.3	4.1	4.4	4.7	4.8	4.8	4.7	4.6
Greenville.....	4.3	5.5	6.3	6.1	6.2	5.8	6.1	6.3	6.3	6.4	6.1	5.6
South Dakota.....	8.8	9.3	13.2	12.3	12.5	6.9	9.6	13.7	14.8	14.3	15.0	15.3
Sioux Falls.....	1.6	1.6	2.2	2.1	2.2	1.3	1.6	2.2	2.6	2.8	2.7	2.8
Tennessee.....	40.9	44.7	51.9	51.3	51.0	37.1	44.9	46.8	49.9	51.9	52.0	51.8
Chattanooga.....	3.2	4.0	4.2	4.1	4.0	2.8	3.6	4.2	4.1	2.8	(3)	(3)
Knoxville.....	5.0	6.7	7.5	7.4	6.6	5.7	6.9	7.6	7.9	8.1	8.4	8.5
Memphis.....	11.0	10.6	11.1	10.9	10.7	8.8	10.1	10.3	10.7	11.2	11.1	10.7
Nashville.....	6.7	7.2	7.9	7.9	7.9	6.4	7.4	7.7	8.1	8.3	8.5	8.5
Texas.....	158.8	168.5	175.6	172.1	166.0	158.3	165.1	167.7	172.9	172.8	173.5	169.8
Utah	14.9	16.4	18.2	18.1	16.8	12.4	13.8	15.1	16.1	16.8	17.8	17.9
Salt Lake City.....	8.2	8.5	10.3	10.2	9.6	7.1	7.8	8.4	8.8	9.3	9.7	9.9
Vermont.....	6.1	6.2	7.8	7.5	7.2	4.2	5.1	6.3	7.0	7.2	7.4	7.2
Virginia.....	64.4	68.8	75.3	74.6	73.7	63.0	73.5	76.1	77.4	77.9	77.8	77.1
Norfolk-Portsmouth.....	10.9	11.9	13.3	12.8	12.6	10.4	11.4	11.9	12.3	12.0	12.2	12.3
Richmond.....	11.6	11.5	12.0	11.9	11.7	10.9	12.0	12.6	12.8	13.1	12.7	12.9
Washington.....	44.0	44.3	49.5	48.4	46.4	41.8	45.2	47.9	50.1	52.0	52.9	52.5
Seattle.....	15.3	18.2	20.6	20.1	18.9	16.3	17.0	17.9	18.5	19.2	19.2	18.2
Spokane.....	4.3	4.5	5.3	5.3	5.0	3.9	4.4	4.5	4.6	5.1	5.3	5.4
Tacoma.....	3.9	4.6	5.2	4.9	4.5	4.4	4.7	4.8	4.8	4.8	4.9	4.8

See footnotes at end of table.

Table G-5.—Number of Employees, by State and Selected Area*—Con.
(In thousands)

Sep.	State and area	Annual average		1959			1960						
		1958	1959	Aug.	Sep.	Oct.	Mar.	Apr.	May	June	July	Aug.	Sep.
62.9	West Virginia	20.1	19.3	21.5	21.3	21.2	13.1	17.7	19.3	20.4	21.6	21.3	21.6
9.0	Charleston	3.6	3.8	4.6	4.6	3.9	2.7	3.3	3.6	3.8	4.1	4.2	4.2
11.1	Huntington-Ashland	3.0	3.1	3.3	3.2	3.2	1.9	2.3	2.7	2.7	2.8	2.9	3.2
2.6	Wheeling	3.6	2.8	2.9	3.0	3.2	2.2	2.3	2.5	2.9	3.2	3.2	3.1
166.3	Wisconsin	52.0	53.9	62.1	61.7	59.5	45.5	49.0	54.9	60.6	64.0	65.2	63.8
8.3	Milwaukee	20.5	21.5	23.6	23.9	23.3	19.0	20.4	22.0	23.3	24.5	24.9	24.4
5.1	Racine	1.7	1.8	2.3	2.1	2.1	1.4	1.4	1.6	1.7	1.8	2.0	1.8
22.2	Wyoming	8.0	8.5	12.3	12.5	12.2	9.6	12.1	13.0	13.0	13.0	13.1	11.3
35.7	Casper	1.4	1.5	1.9	1.8	1.8	1.3	1.5	1.7	1.8	1.8	1.8	1.9
16.9													

Source: Department of Labor, Bureau of Labor Statistics. *For definitions, see Annual Supplement, Employment and Earnings, May 1960. These areas coincide generally with the standard metropolitan statistical areas defined by the Bureau of the Budget. ¹Includes a small number of employees engaged in mining. ²Data for 1958 and 1959, shown in italics, are being revised in line with expanded area definitions and are not strictly comparable with those shown for 1960. ³Not yet available. ⁴Series have been temporarily discontinued. ⁵Includes data also shown separately for Jersey City, Newark, Paterson-Clifton-Passaic, and Perth Amboy, N. J., and Nassau-Suffolk, and Westchester Counties, N. Y.

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Salt Lake City 1, Utah, 222 SW. Temple St. EMpire 4-2552.
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Savannah, Ga., 235 U. S. Courthouse and P. O. Bldg. ADams 2-4755.
Seattle 4, Wash., 809 Federal Office Bldg., 909 First Ave. MUtual 2-3300.

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CONSTRUCTION REVIEW

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